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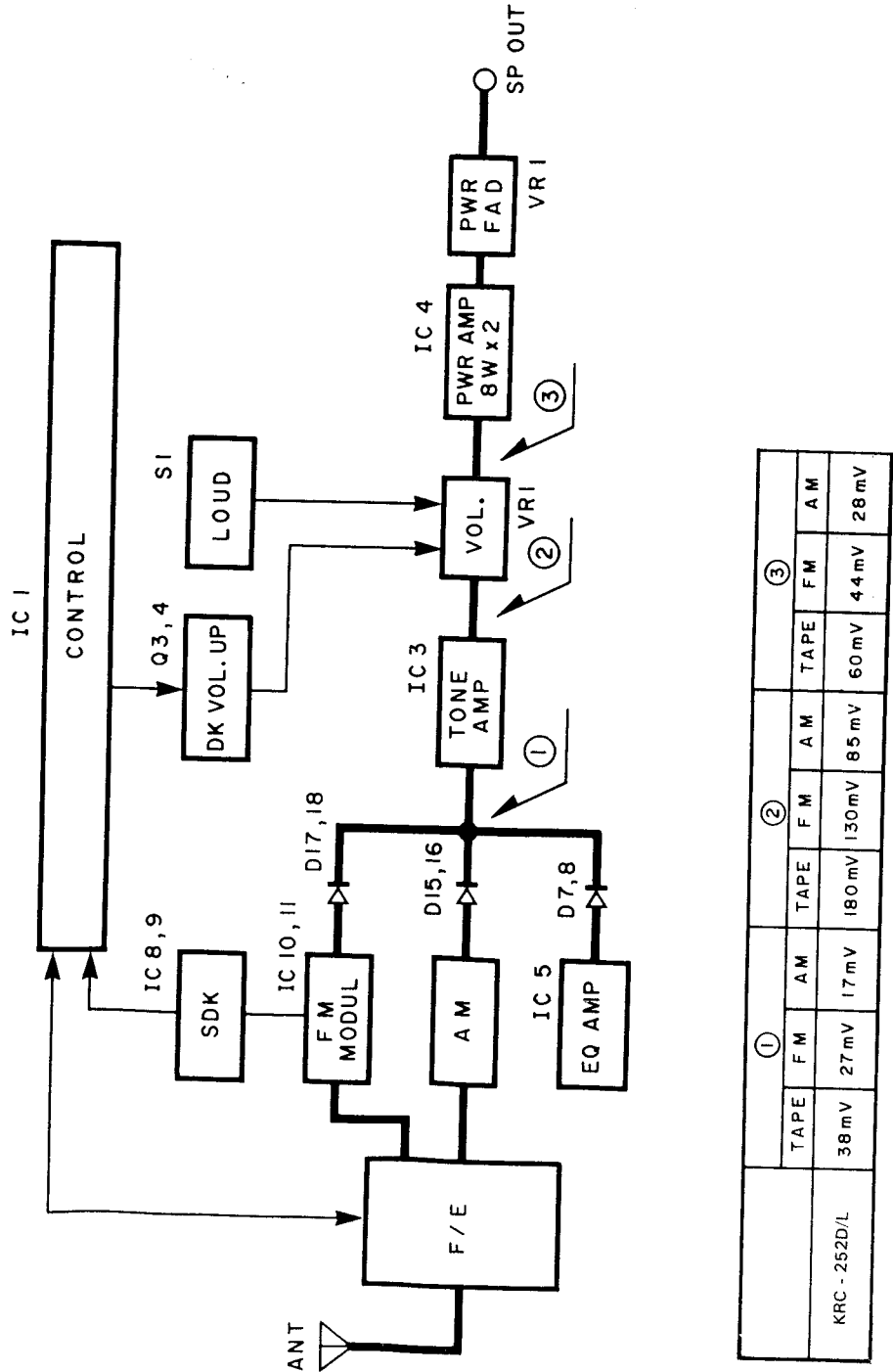
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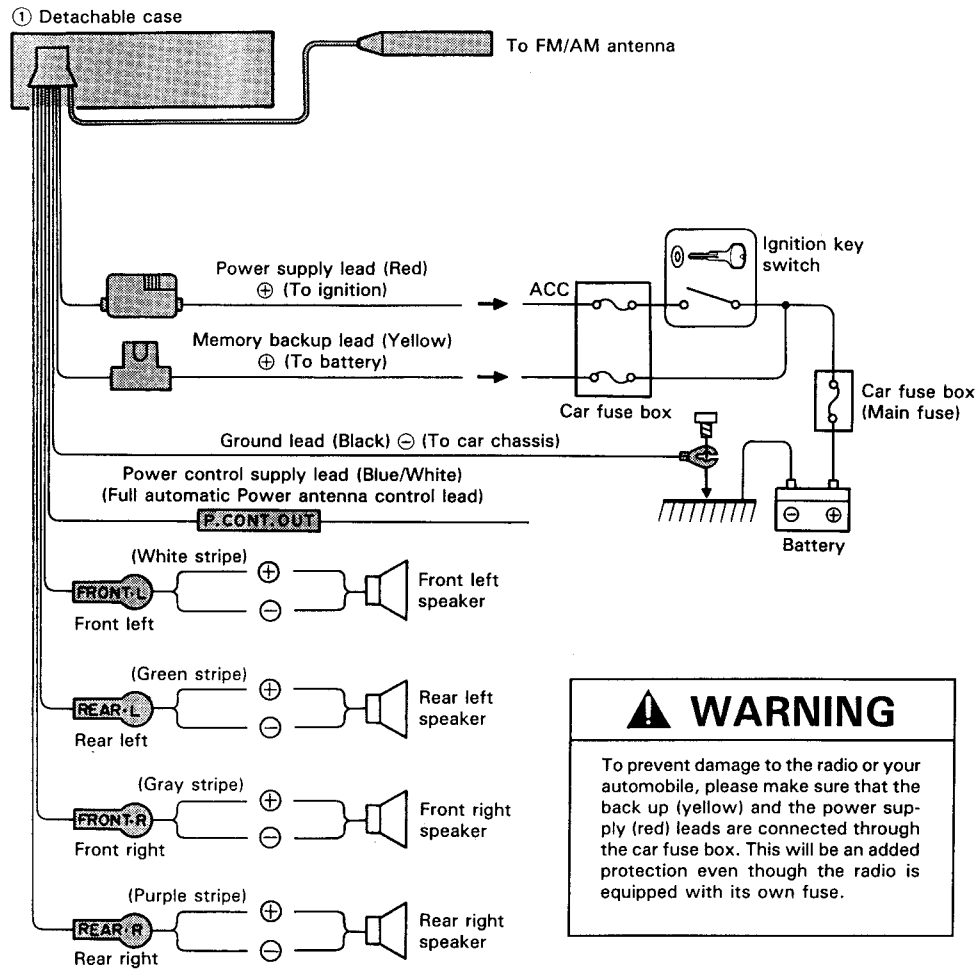
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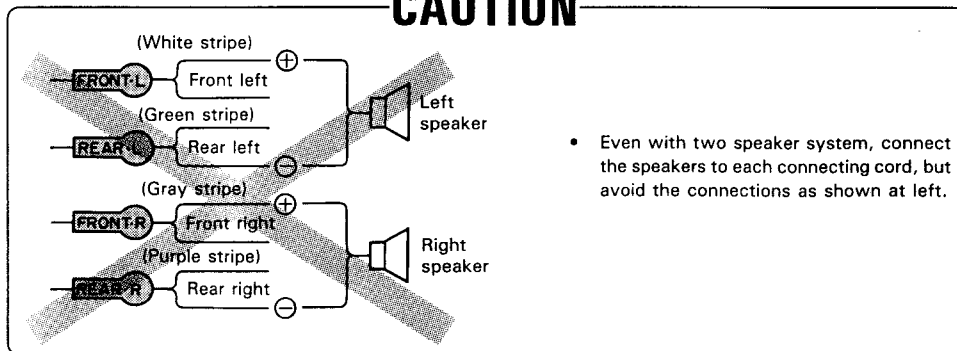
BLOCK LEVEL DIAGRAM



## CONNECTIONS



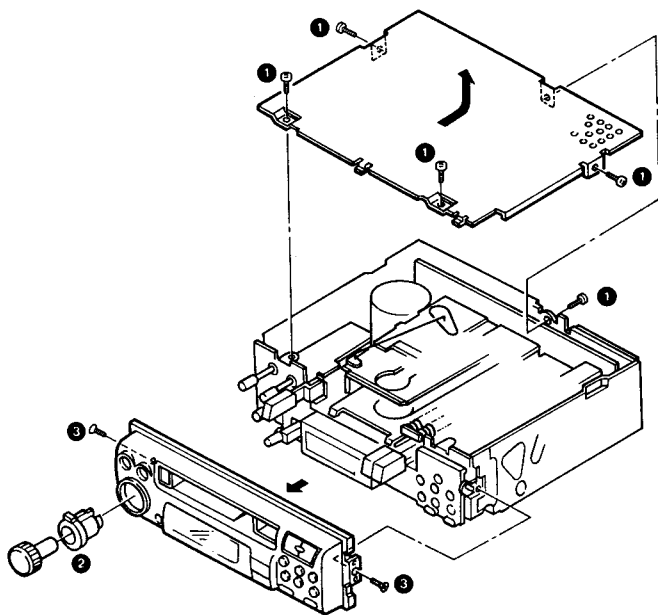
## CAUTION



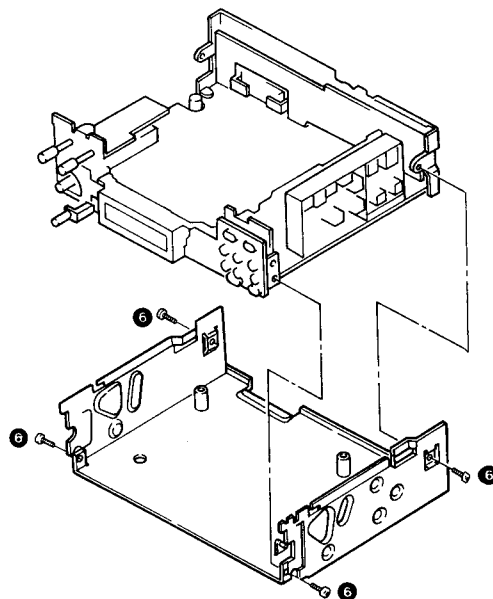
# KRC-252D/L

## DISASSEMBLY FOR REPAIR

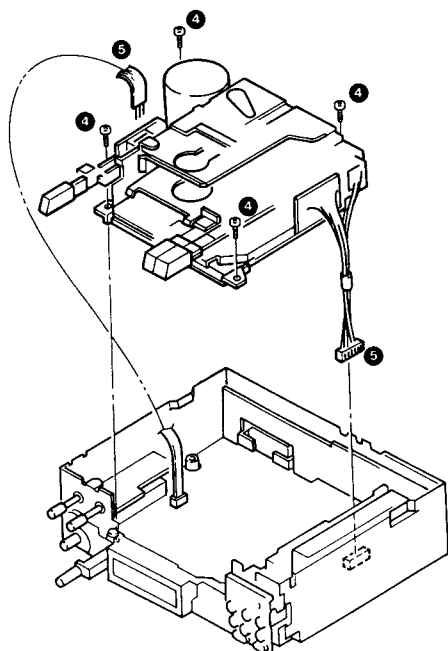
1. Remove the five screws (1) and take out the top plate.
2. Detach the knob... (2)
3. Remove the two screws (3) and take out the front panel.



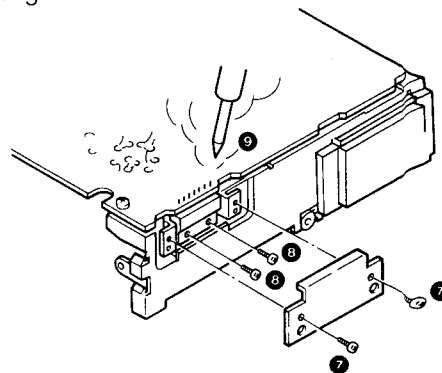
6. Remove the four screws (6) and detach the case.



4. Remove the four screws (4).
5. Disconnect the two connectors (5) and detach the mechanism.



7. Remove the two screws (7) and detach the metal plate.
8. Remove the two screws (8) which hold the IC in place.
9. Remove the IC connector pins (9) with a soldering iron.



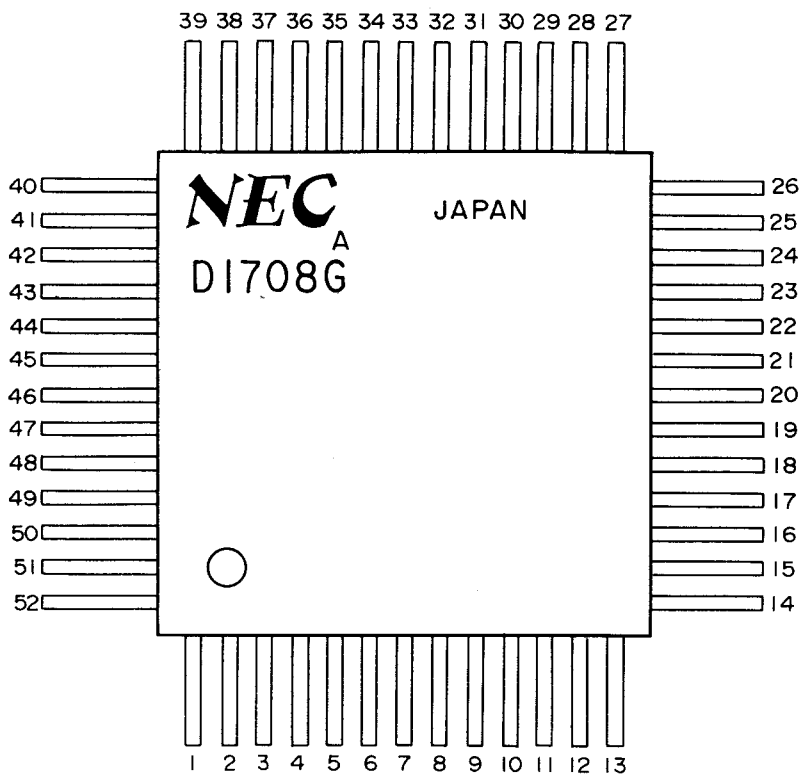
## CIRCUIT DESCRIPTION

Ref. No.	Components	Use/Function	Operation/Condition/Compatibility
IC1	1708AG-885-00	Microprocessor	Key input acceptance. PLL, display and mechanism control. Others including control signal generation, each status input acceptance.
IC2	BA3900-V1	System Power IC	Regulated power supply (COM9V, FM9V, AM9V, 5.6V). MUTE is output in standard mode.
IC3	BT3S540	Tone amp	BASS, TREBLE
IC4	AN7178	Power amp	5.7W×2 ch
IC5	TA8162SN	EQ amp	
IC6	NJM4565D	PRE amp	Rear Buff Amp
IC7	AN6262N	T. ADV	Between-tunes detection
IC8	TDA1579	SDK	BK/DK signal demodulation and detection
IC9	NJM4565D	Input Buff, BPF	
IC10	LA1140-K	FM IF amp, DET	
IC11	AN7465K	Noise canceller/MPX	
Q1,2	2SD1468S	MUTE	
Q3, 4	2SD1468S	DK Vol. Boost SW	
Q5	DTC124EK	LOCAL SW Inhibition	During TAPE mode and SDK mode
Q6	DTC124EK	Vol. Boost SW Driver	
Q7	DTC124EK	TAPE mode SW	
Q8	DTA124EK	MUTE Driver SW	
Q9	DTC124EK		
Q10	DTA124EK	EQ MUTE Driver	
Q11	DTC124EK	TAPE +B SW	L-Type only
Q12	2SA1037K	MUTE Driver	
Q13, 14	2SC2412K (S)	EQ MUTE	
Q15	2SB1307M	LAMP +B SW	During T-ADV mode
Q16	DTC144EK	LOCAL SW	
Q17	DTC124EK	MW/LW SW	MW ON
Q18	DTA124EK		
Q19	DTA144EK	AGC CUT Driver	SEEK: ON
Q20	DTC124EK	Q19 SW	
Q21	2SC1740S	AM SD SW	
Q22	2SC1740S	FM SD SW	
Q23, 24	DTC124ES	TUNER MUTING	During TAPE mode ON
Q25	DTC124EK	SK MUTE	
Q26	DTC124ES	FM/AM SD SW	
Q27~30	2SC1740S	Key matrix Buff	ST, SD, SK, DK
Q31	DTC124EK	LPF GAIN control	
Q32	DTA144EK	T-ADV SW	
Q33, 34	2SC2412K (S)	FM/MW LPF	
Q35	DTC124EK	LW LPF SW	
Q36, 37	2SC2412K (S)	LW LPF	
Q38	DTC124EK		
Q39	2SC2412K (S)	FM/MW LPF SW	
Q40	2SC2058S	IF Amp	
Q41	2SC1740S	FM SD Driver	
Q42	2SC1740S	ANRC Buff	
Q43	2SC1740S	ST Noise control	
Q44	DTC124ES	AFC control	
Q50	DTC144EK	AM LOCAL SW	
Q51	DTA144EK	Q50 Driver	

CIRCUIT DESCRIPTION

IC1: Microprocessor 1708AG-885-00

Pin Description



Pin No.	Pin Name	Pin No.	Pin Name
1	LCD4	52	LCD5
2	LCD3	51	LCD6
3	LCD2	50	LCD7
4	LCD1	49	LCD8
5	COM2	48	LCD9
6	COM1	47	LCD10
7	V <sub>DD</sub>	46	LCD11
8	FM	45	LCD12
9	AM	44	LCD13
10	GND	43	LCD14
11	EO <sub>1</sub>	42	LCD15
12	EO <sub>2</sub>	41	LCD16
13	CE	40	LCD17
14	NC	39	LCD18
15	XI	38	LCD19
16	XO	37	LCD20
17	(PA <sub>3</sub> ) TAPE, RADIO/LW	36	LCD21
18	(PA <sub>2</sub> ) FWD/REV	35	LCD22
19	(PA <sub>1</sub> ) TAPE IN	34	LCD23
20	(PA <sub>0</sub> ) KS3	33	*V <sub>DD</sub>
21	K <sub>3</sub>	32	(PC <sub>0</sub> ) MUTE
22	K <sub>2</sub>	31	(PC <sub>1</sub> ) T-ADV
23	K <sub>1</sub>	30	(PC <sub>2</sub> ) DK OUT/AGC
24	K <sub>0</sub>	29	(PC <sub>3</sub> ) LOCAL/MTL
25	(PB <sub>3</sub> ) FM/AM	28	(PB <sub>0</sub> ) KS0
26	(PB <sub>2</sub> ) KS2	27	(PB <sub>1</sub> ) KS1

(NC: No Connection)

## CIRCUIT DESCRIPTION

## Pin Description

Pin No.	Symbol	Pin Name	Description
1~4 34~52	LCD1 LCD23	LCD segment signal	LCD segment signal output pin (1/2 duty, 1/2 bias LCD should be used. Frame frequency: 100 Hz, Drive voltage: VDD)
5 6	COM2 COM1	LCD common signal	LCD common signal output pin
7 33	V <sub>DD</sub>	Power input	Device power supply pins During device operation, 5 V±10% voltage is supplied via these pins. Either of them can be used for supplying the power individually. The rising time of VDD should be less than 500 ms (0 to 4.5 V). When the rising time is too long, or when the VDD is not lowered completely to 0 V and then raised to 4.5 V from the voltage lower than the operating rate, the diode switch condition for initialization is not read out correctly. In such cases, use the CE pin so that the diode switch status can be read out for initialization.
8	FM	FM VCO input	This pin inputs the FM station output signal. Since it incorporates the AC amp, cut the DC signal with the capacitor.
9	AM	AM VCO input	This pin inputs the AM station output signal. Since it incorporates the AC amp, cut the DC signal with the capacitor.
10	GND	Ground	Connect to the ground terminal of the set.
11 12	EO <sub>1</sub> EO <sub>2</sub>	Error Out	Charge pump output of the phase detector consisting of PLL. When the frequency divided by the oscillating frequency is higher than the reference frequency, these pins output high level signals, and when it is lower than the reference frequency, they go low. When the frequency (divided by the oscillating frequency) is coincided with the reference frequency, it enters into the floating status.
13	CE	Chip Enable	This pin is used to input the selected signal from the device. When operating the PLL section, this pin goes high, and when the PLL section is stopped, it goes low. When at low level, the display goes off. However, a low level signal below 134 μs or high level signal is not accepted.
15 16	XI XO	Crystal resonator	Connectors of the crystal resonator. Connect the 4.5 MHz crystal resonator.
17	TAPE, RADIO /LW (BAND B)	TAPE switching output LW switching output (PA3)	TAPE: H, RADIO: L FM, MW: H, LW: L (L type only)
18	FOW/REV	Direction input (PA2)	FOW: H, REV: L
19	TAPE IN	TAPE MODE input (PA1)	TAPE: L, RADIO: H
20	KS3 (BAND A)	Key return signal source (PA0)	This pin outputs the key return signal for key matrix.
25	FM/AM	FM switching output (PB3)	FM: H, MW, LW: L
29	LOCAL/MTL	MODE control output	RADIO LOCAL ON: L, OFF: H TAPE METAL ON: H, OFF: L
21 24	K <sub>3</sub> K <sub>0</sub>	Key return signal input	This pin inputs the key return signal for the key matrix. Insert the pull-down resistor. (CMOS input)
26 28	KS <sub>2</sub> KS <sub>0</sub>	Key return signal source	This pin outputs the key return signal for the key matrix. Since the synchronous current is greatly lowered because of its configuration, the reverse-current prevention diode will be not necessary for the key source side. (CMOS output)
30	DK OUT/AGC	DK OUT signal output	DK: H, Others: L
31	T-ADV	T-ADV signal output	
32	MUTE	MUTE out	This pin outputs the muting signal to eliminate shock noise when the PLL is unlocked and pop noise when switching between Tape and Radio, and is active low. For timing details, refer to the AF Mute Out Timing Chart. When the CE pin is low, this pin is active low. (CMOS output)

# KRC-252D/L

## CIRCUIT DESCRIPTION

### Key Matrix

	K0 (24)	K1 (23)	K2 (22)	K3 (21)
KS2 (26)	AUTO	※3 CLK ※3 LOCAL/AME	DOWN	UP
KS1 (27)	1/MTL	※4 2/T-ADV	3	4
KS0 (28)	5	6	※1 SDK ※2 AM	※1 BAND ※2 FM
KS3 (20)	ST	SD	SK	DK

**Initial Setting** These switches are used to set the area (version of the model).  
By combination of 4 resistors, the model can be specified for each area.

BAND A (20)	BAND B (17)	USE
L	L	USA1 (CLOCK)
H	L	USA2 ※3
L	H	D-Type ※1
H	H	L-Type
R38: H R37: L	R41: H R40: L	

※1: D type

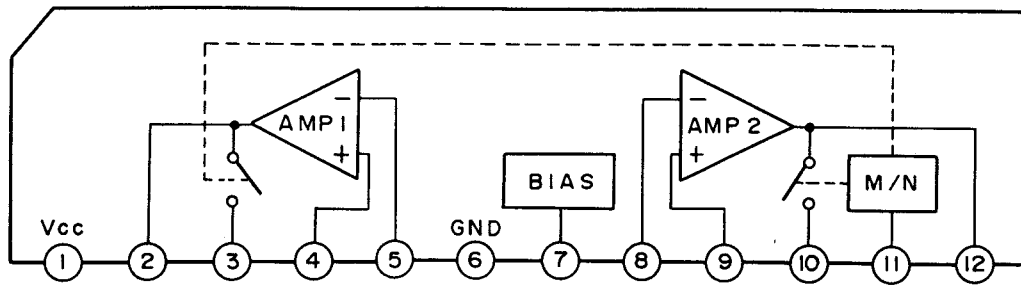
※2: Without D type

※3: USA2 (Without CLOCK mode)

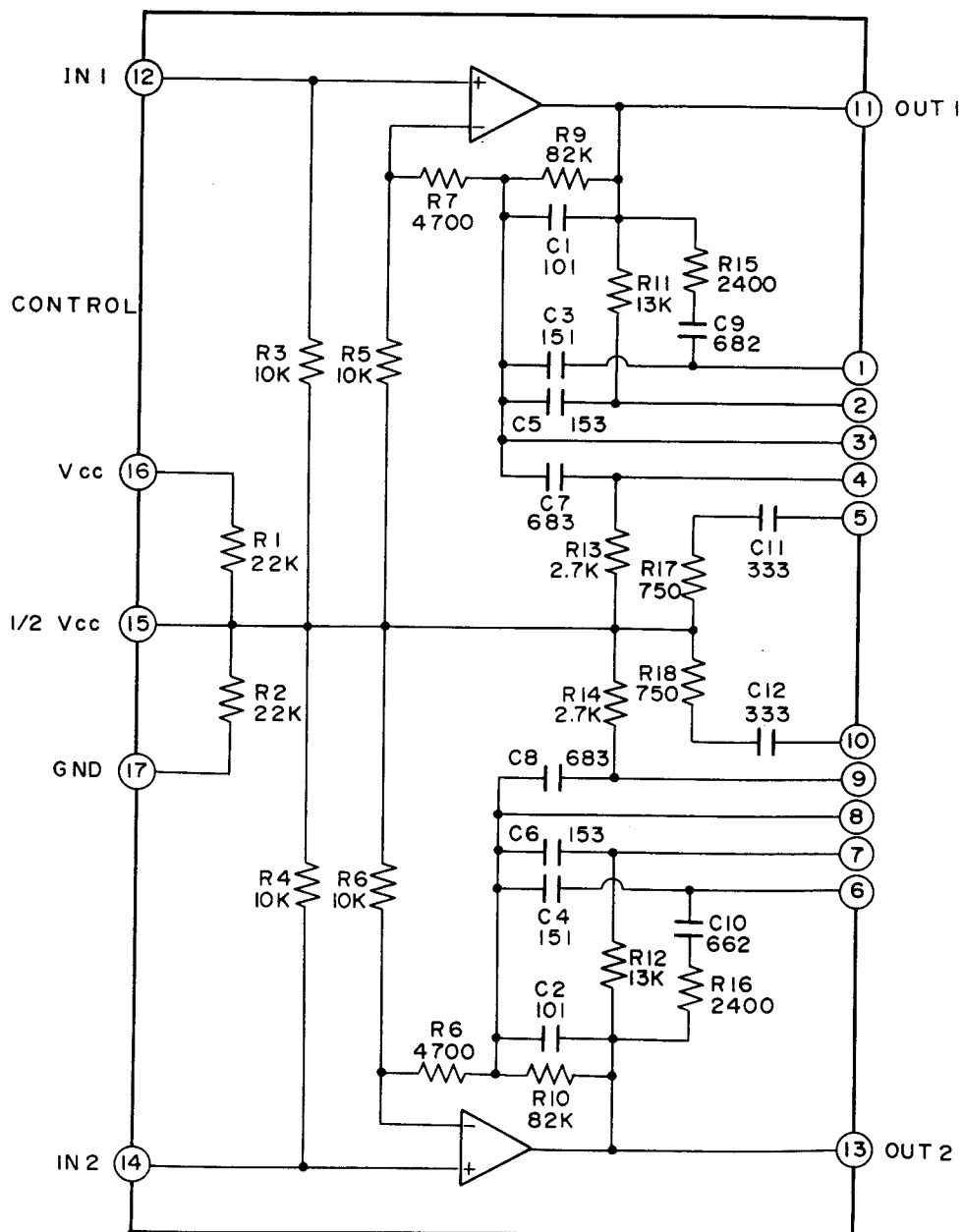


## CIRCUIT DESCRIPTION

IC5: TAPE EQ. AMP TA8162SN

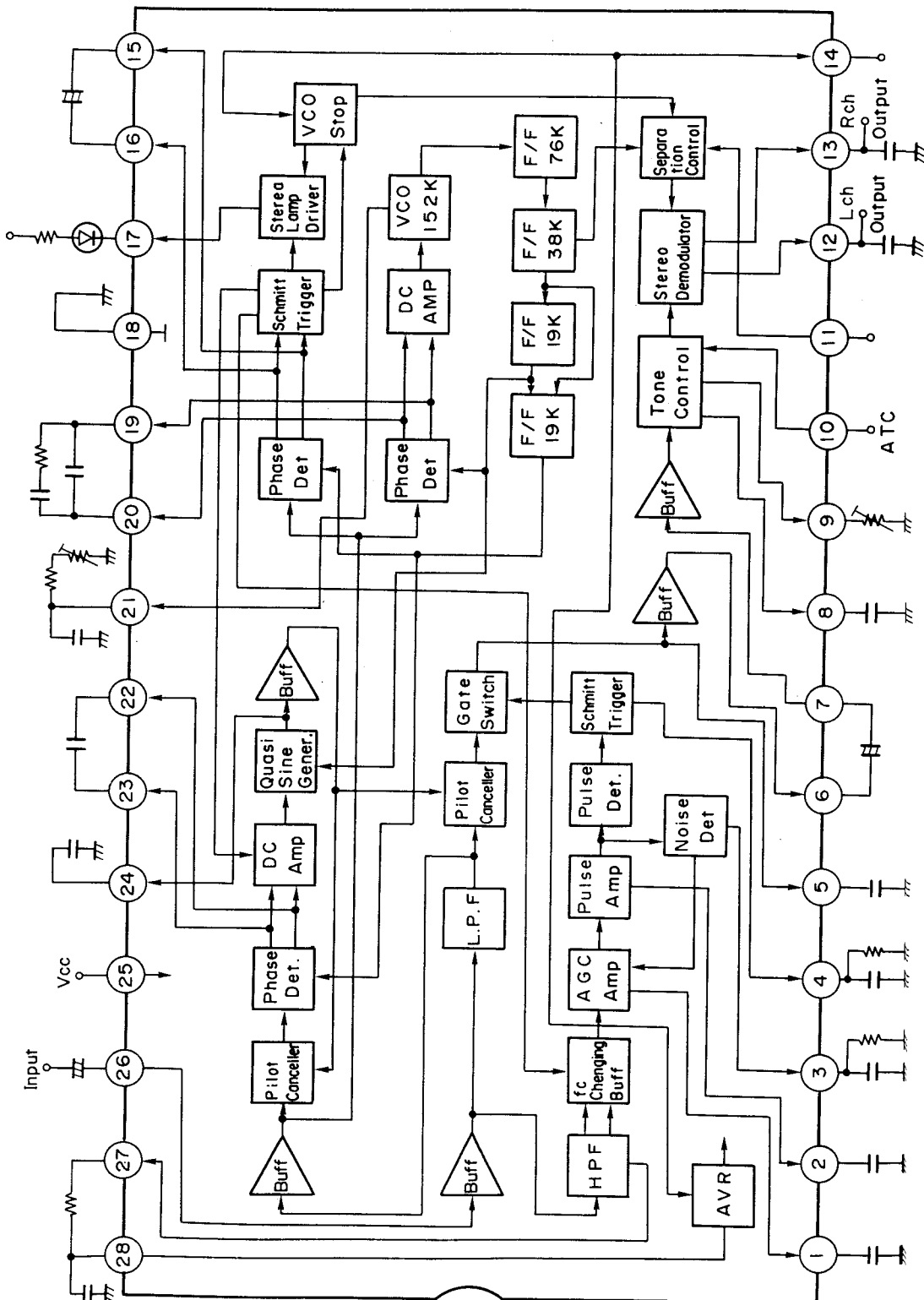


IC3: TONE control BT3S540



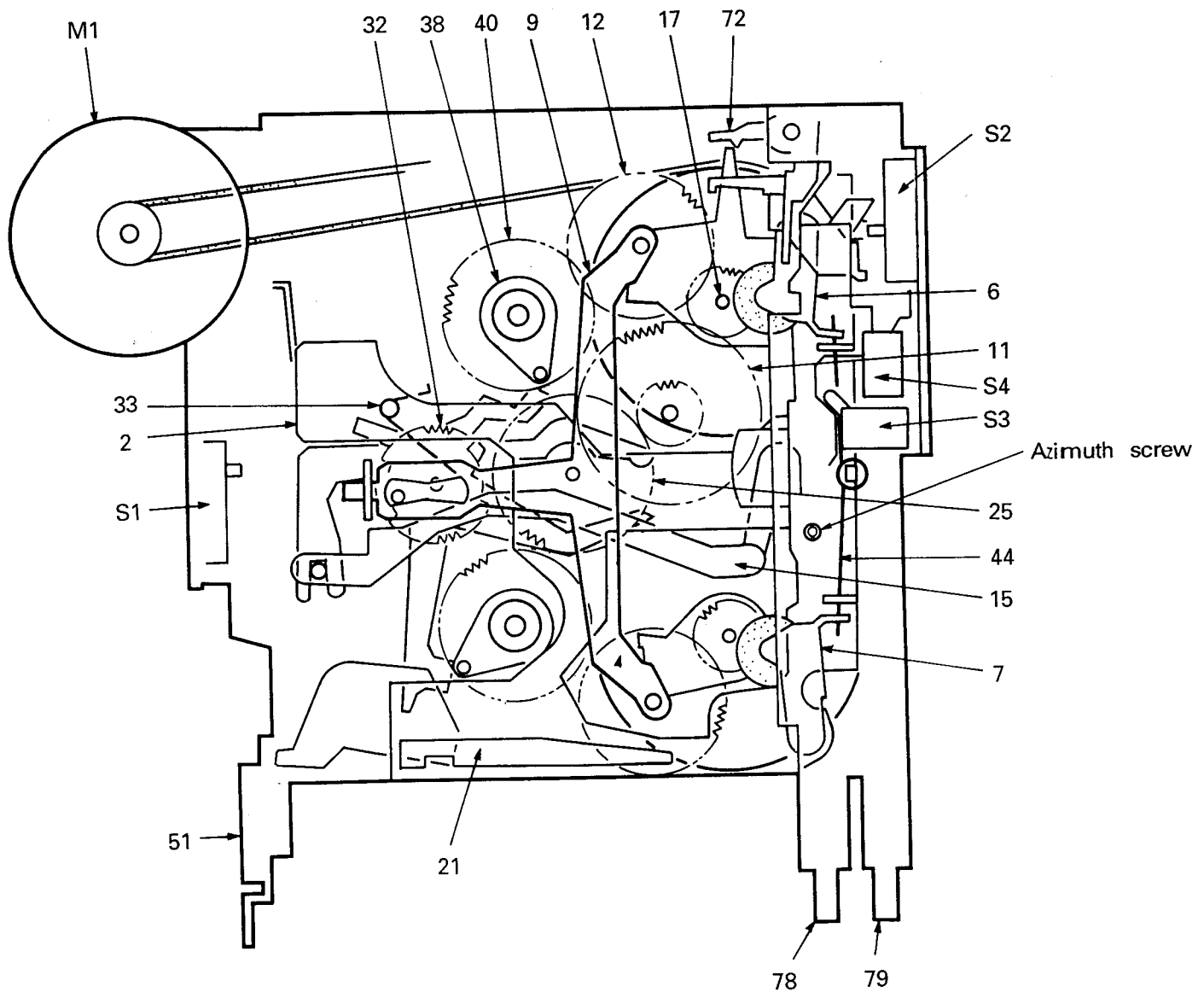
## CIRCUIT DESCRIPTION

IC4: FM Noise canceller/MPX AN7465K



# KRC-252D/L

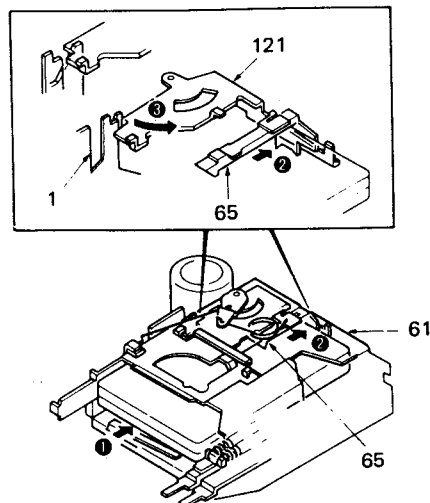
## MECHANISM OPERATION DESCRIPTION



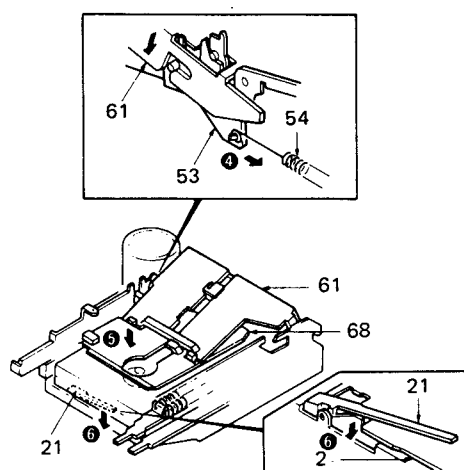
## MECHANISM OPERATION DESCRIPTION

### LOADING/PLAY

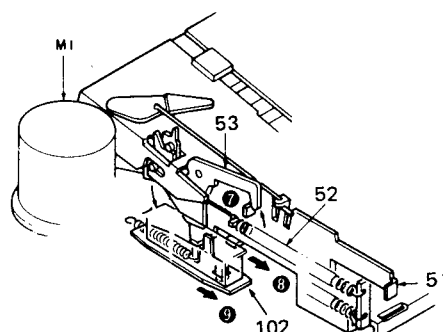
1. Insert a cassette tape (1).
2. The cassette guide (65) pushes to lever (reverse [121]) (2).
3. The lever (reverse [121]) turns in the direction of the arrow and releases the lock of the holder (action plate [61]) (3).



4. Through the lock release of the lever (reverse [121]), the arm (action [53]) is pulled by the tension spring (54), which turns the holder (action plate [61]). The holder (action plate) descends (4).
5. Through the descent of the holder (action plate [61]), the holder (cassette case [68]) also descends (5).
6. As the holder (cassette case [68]) descends, the cassette tape pushes the lever (lock plate [21]). The lever (lock plate [21]) then releases the lock of the lever assembly (head plate [2]) (6).

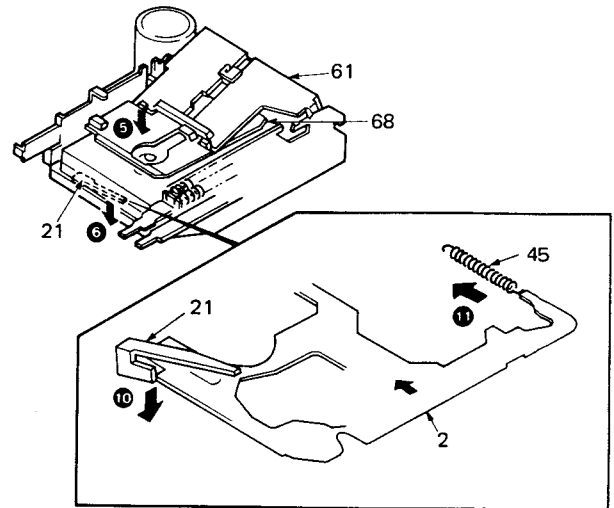


7. As the arm (action [53]) turns, the lock of the lever assembly (eject [51]) is released (7).
8. The lever assembly (eject [51]) is pulled by the tension spring (52) and moves forward (8).
9. Through the movement of the lever assembly (eject [51]), the lever (102) also moves forward and turns on the slide switch S1. As the slide switch S1 is turned on, electricity is supplied to the motor assembly (M1) (9).

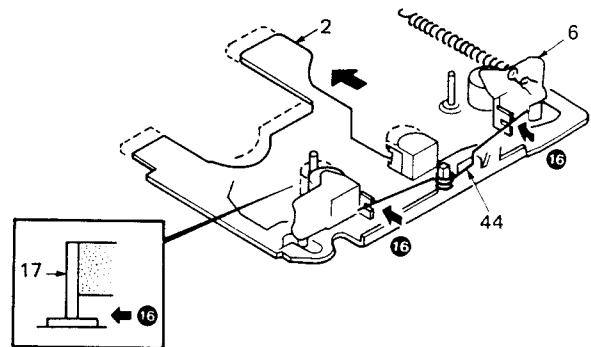


## MECHANISM OPERATION DESCRIPTION

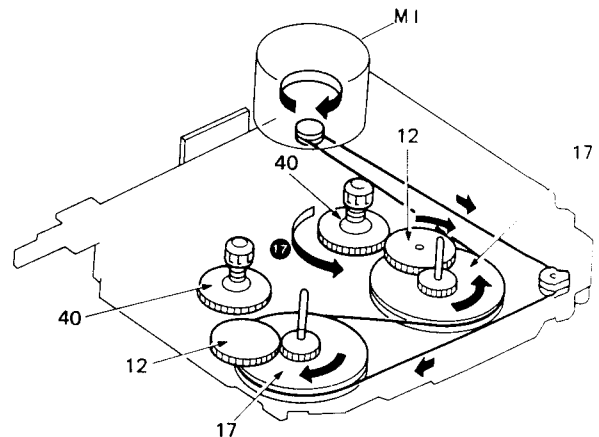
10. As the holder (cassette case [68]) descends, the cassette tape pushes the lever (lock plate [21]) then releases the lock of the lever assembly (head plate [2]) (10).
11. The lever assembly (head plate [2]) is pulled by the tension spring (45) and moves forward (11).



12. Through the forward movement of the lever assembly (head plate [2]), pinch roller assembly (6) make close contact with the shaft of the flywheel (17) through the formed wire spring (44) (16).



13. The rotation is transmitted from each gear (17-12) to the reel base (40) of the take-up side (17).

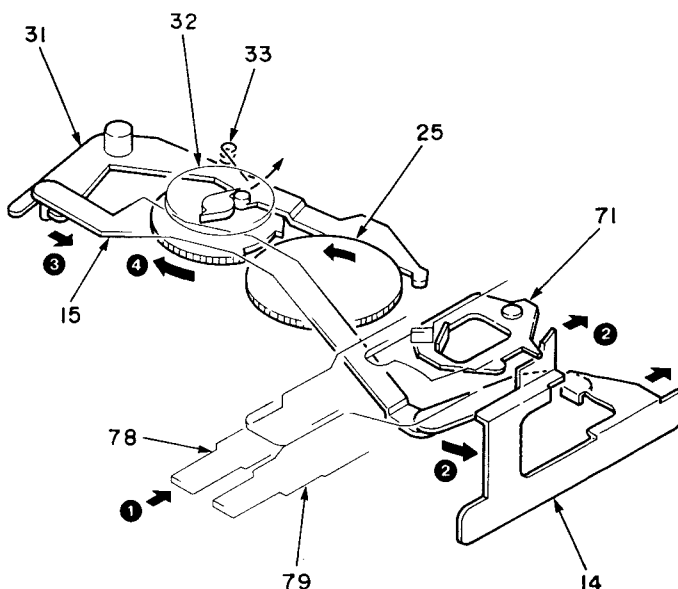


# KRC-252D/L

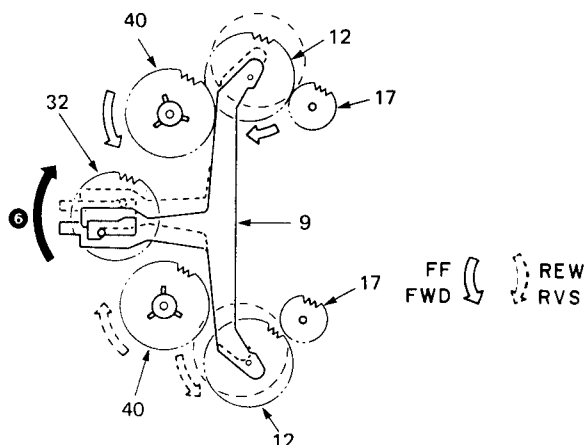
## MECHANISM OPERATION DESCRIPTION

### PROGRAM

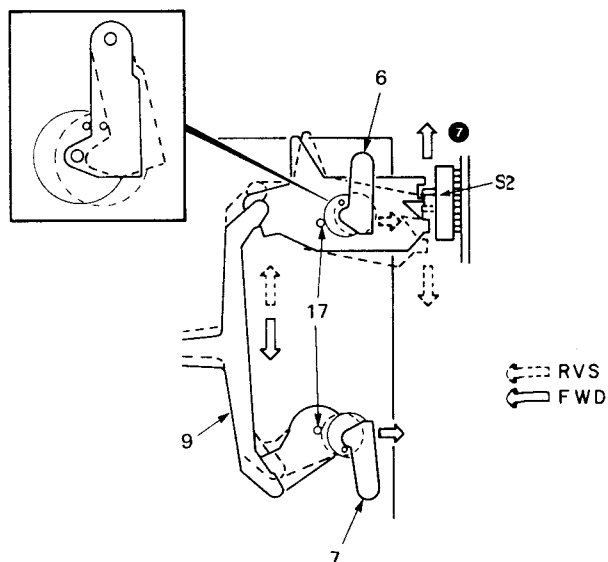
1. Push the FF and REW levers simultaneously (1).
2. The arm assembly (15) moves toward the right (2).
3. The lever (31) is pulled (3), and the changeover gear (32) is unlocked.
4. The changeover gear is pushed by the torsion spring (33), and engaged with the cam gear (25) (4).
5. The changeover gear (32) is rotated by a half turn and locked with the lever (31) again.



6. The movement of the boss of the changeover gear (32) moves the changeover arm (9) (6).



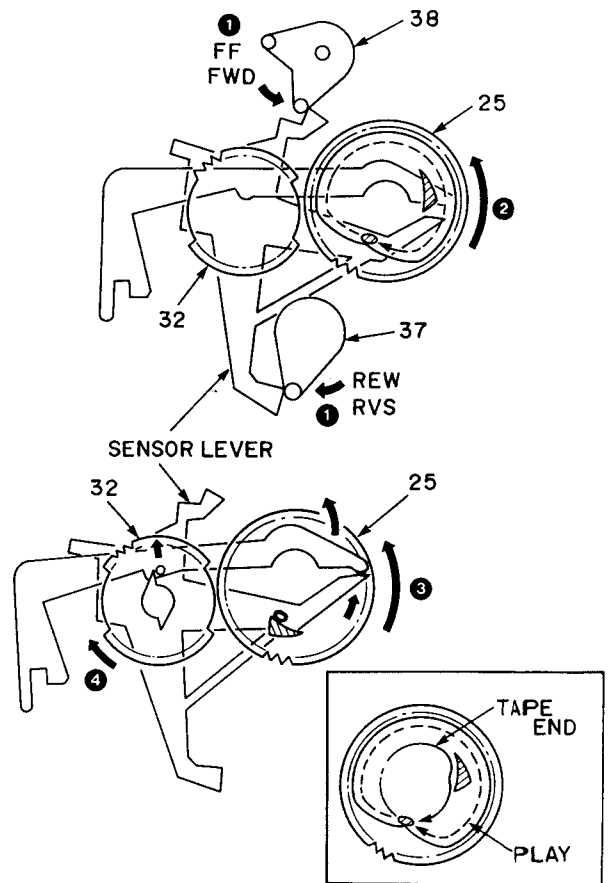
7. When the changeover arm (9) moves, the drive direction of the reel base (40), head switch (S2) and pinch roller is switched between FWD and RVS (7).



# MECHANISM OPERATION DESCRIPTION

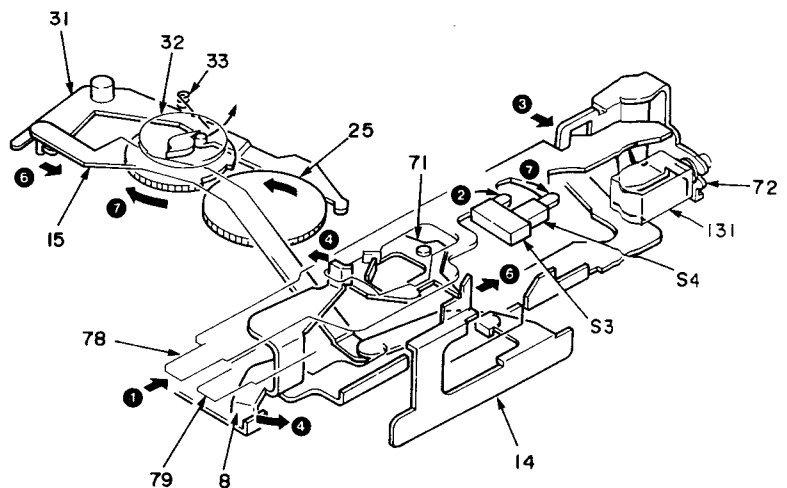
## AUTO REVERSE

1. When the reel base (40) stops rotation at the end of tape, the arm (38) stops pushing the sensor lever (1).
2. The sensor lever is engaged with the cam projection of the cam gear (25) and carried until the intermediate point of the cam gear (2).
3. Then, the sensor lever is carried by the triangular boss of the cam gear (25) and pushes the lock lever (3).
4. When the lock lever is pushed, the changeover gear rotates and the program operation starts (4).



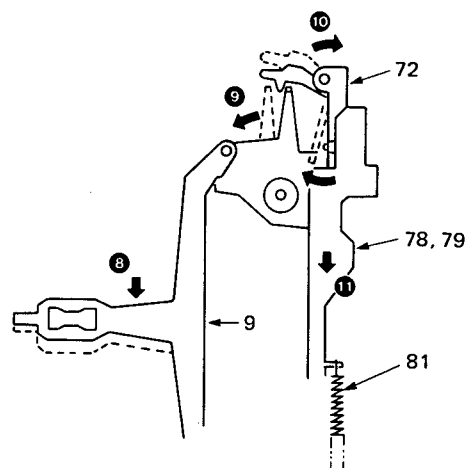
## REW

1. Push the lever REW (78) (1).
2. Pushing the lever REW (78) closes the leaf switch (S3) and muting is applied (2).
3. The lever REW (78) is locked by the arm (72) (3).
4. By pushing the lever REW (78), the lever (8) is pushed in the direction of arrow (4).
5. Through being pushed, the lever (8) moves the lever assembly (head plate [2]) backward a little (5). Through the backward movement of the lever assembly, the playback head (HD1) and pinch roller (7) also moves backward a little.
6. This time, the lever REW (78) moves the arm assembly (15) and PROGRAM operation is engaged (6).
7. The rotation of the reel base (40) is high-speeded by the speed selector switch (S4) (7).



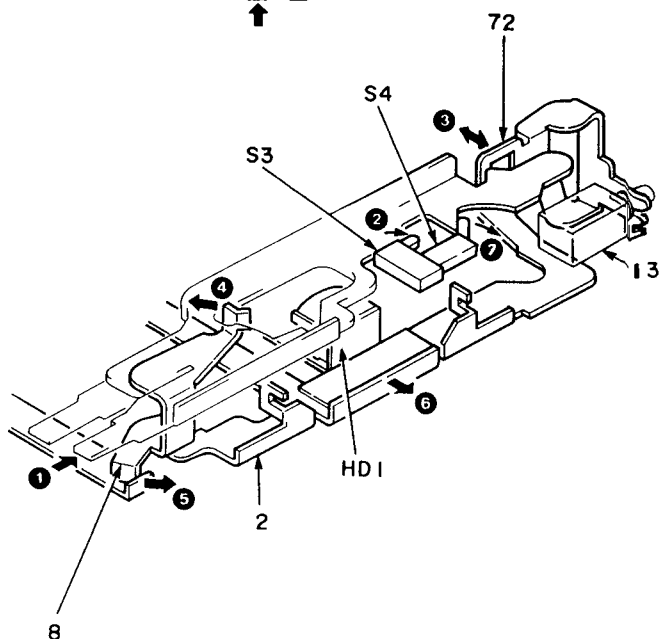
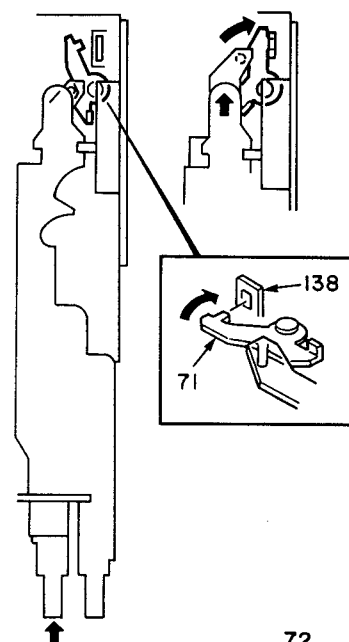
## MECHANISM OPERATION DESCRIPTION

8. At the tape end during the operation of REW, the end sensor is activated, and the changeover arm (9) moves the arm (72) during the operation of PROGRAM ( 8 ) ( 9 ) ( 10 ). The lever REW (78) is released ( 11 ).
9. To release REW, slightly depress the lever FF (79).
10. By depressing the lever FF (79), the arm (72) moves, and the lever REW (78) returns by the tension spring (81) ( 11 ).
11. In the operation of T.ADV, electricity is supplied to the solenoid (131), which attracts the arm (FR release [72]). The lock on the arm (FR release [72]) is released, REW is released, and RVS PLAY is engaged.
12. In the channel select operation of this time, the actuator (138) is locked with a hook (71) so that the head select switch does not switch.



### FF

1. Push the lever FF (79) ( 1 ).
2. Pushing the lever FF (79) closes the leaf switch (S3) and muting is applied ( 2 ).
3. The lever FF (79) is locked by the arm (72) ( 3 ).
4. By pushing the lever FF (79), the lever (8) is pushed in the direction of arrow ( 4 ).
5. Through being pushed, the lever (8) moves the lever assembly (head plate [2]) backward a little ( 5 ). The playback head (HD1) and pinch roller also moves backward a little.
6. The rotation of the reel base (40) is high-speeded by the speed selector switch (S4) ( 6 ).
7. In the operation of T.ADV, electricity is supplied to the solenoid (131), which attracts the arm (FR release [72]). The lock on the arm (FR release [72]) is released, FF is released, and FWD PLAY is engaged.

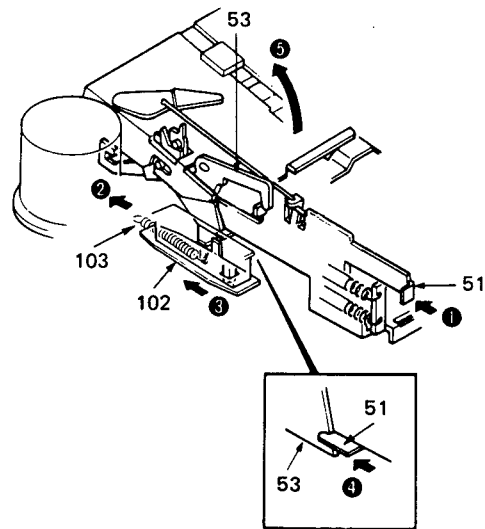




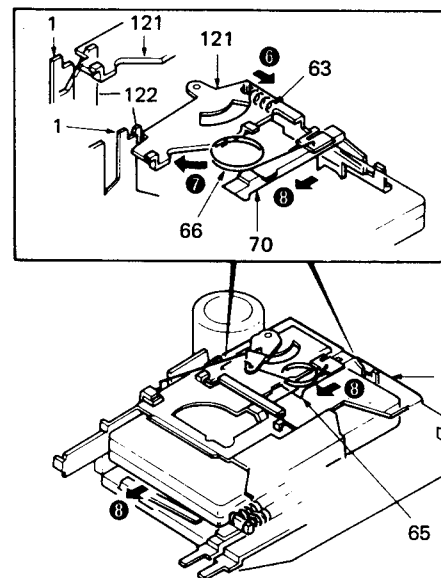
# MECHANISM OPERATION DESCRIPTION

## EJECT

1. Push the lever assembly (eject [51]) (①).
2. By pushing the lever assembly (eject [51]), the tension spring (103) pushes the lever (102) (②).
3. Though pushing the lever (102), the slide switch (S1) is turned off, and the lever assembly (head plate [2]) moves backward (③).
4. The lever assembly (eject [51]) pushes and turns the arm (action [53]) (④).
5. By turning, the arm (action [53]) pushes up the holder (action plate [61]) (⑤).



6. When the holder (action plate [61]) is pushed up, the lever (reverse [121]) is pulled by the tension spring (63) and turns (⑥).
7. In turning, the lever (reverse [121]) is put on the lever of the mechanism chassis (122) (⑦).
8. The cassette guide (65) is pushed forward by the torsion coil spring (66), and the cassette tape is ejected (⑧).



## ADJUST MENT

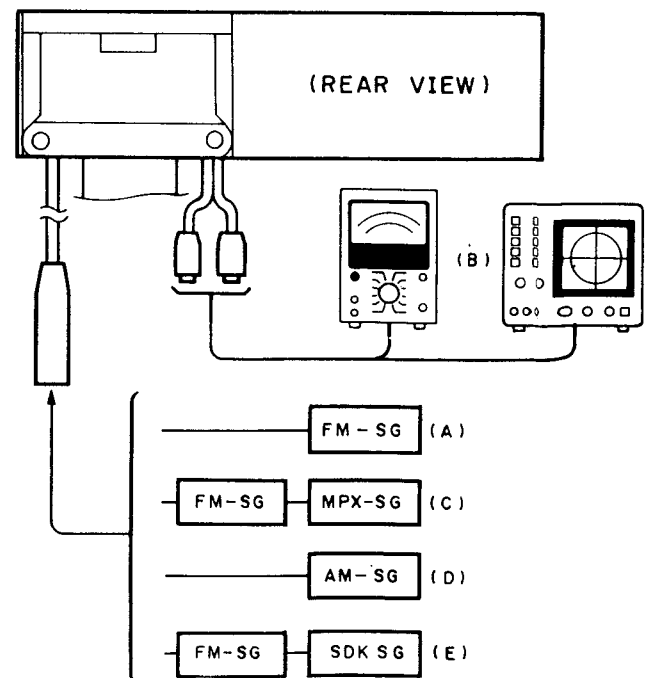
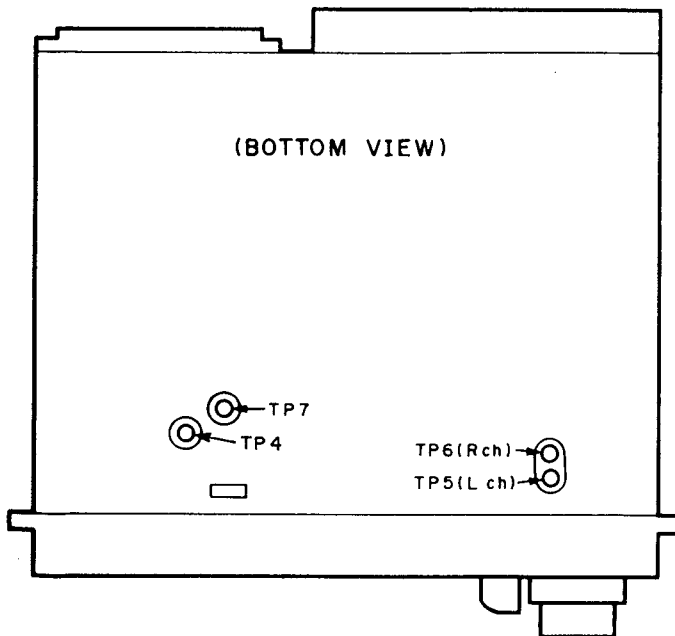
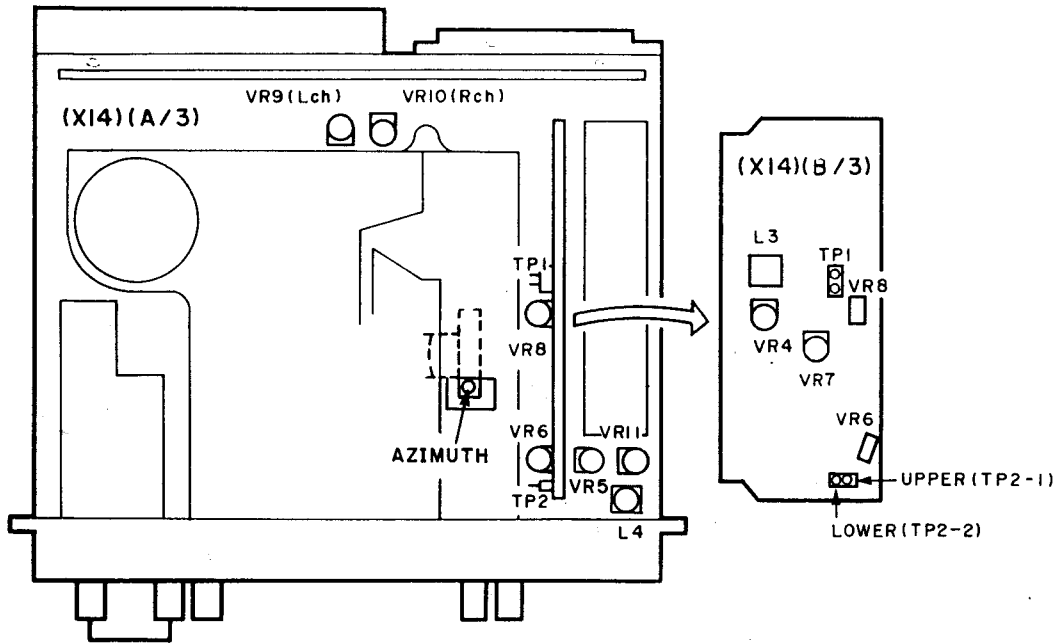
Set the controls and switches as follows.

BALANCE :center position  
 FADER :center position  
 BASS :center position  
 TREBLE :center position

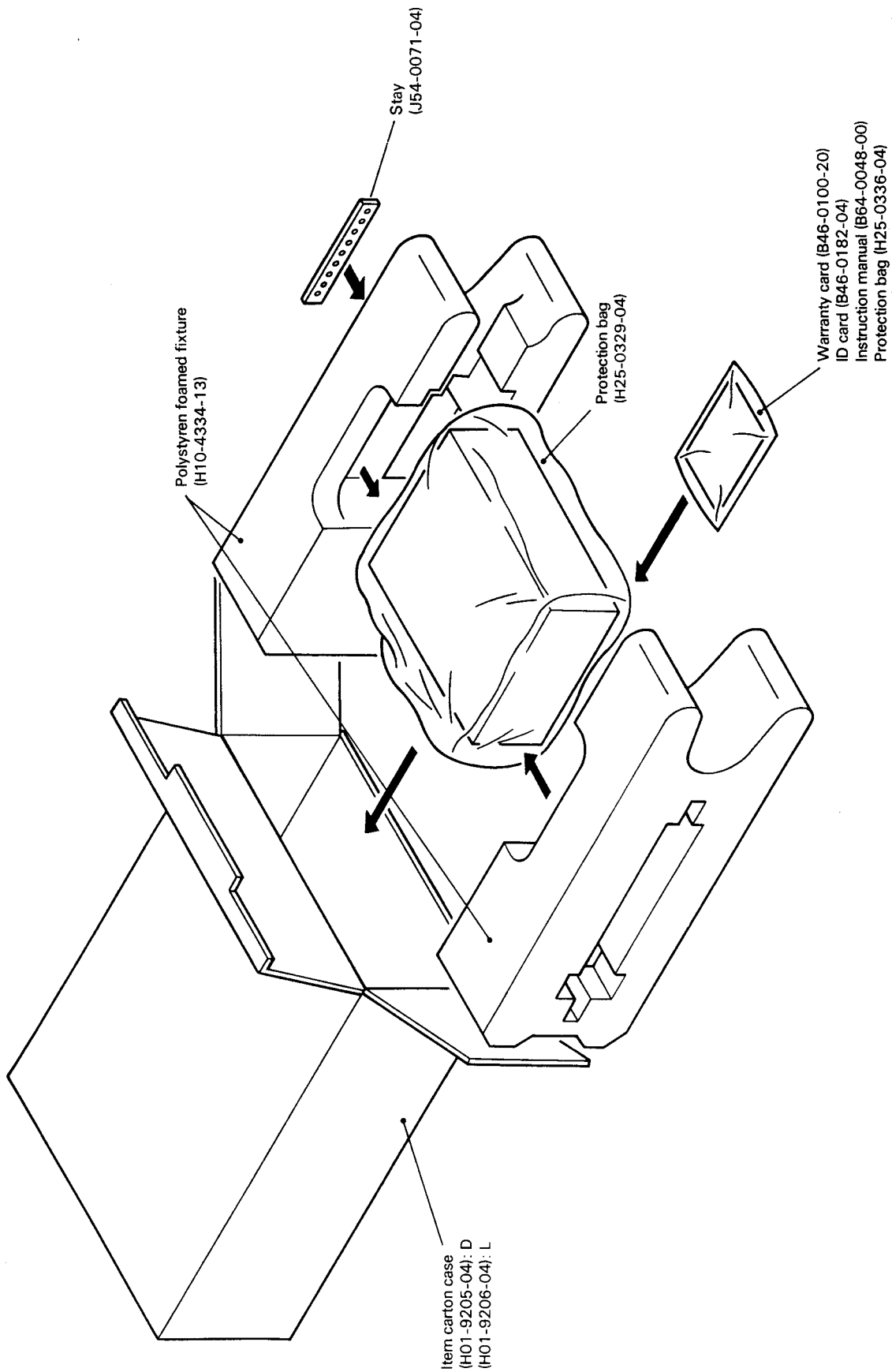
No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER(RECEIVER) SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	DISCRIMINATOR	(A) 98.1MHz 0 dev 60dBμ(Ant input)	Connect the DC voltmeter between pins of TP1.(X14)	FM 98.1MHz	L3 (X14)	0V	(a)
2	SEPARATION	(C) 98.1MHz 1kHz,±40kHz dev Pilot:±6kHz dev Selector:L or R 60dBμ(Ant input)	(B)	FM 98.1MHz	VR7 (X14)	Adjust it so that the crosstalk from L to R and R to L become minimum.	
3	ANRC	(C) 98.1MHz 1kHz,±40kHz dev Pilot:±6kHz dev Selector:L or R 35dBμ(Ant input)	(B)	FM 98.1MHz Connect a leadwire between TP5 and GND.	VR9 (X14)	Separation 10dB	(b)
4	SEEK STOP LEVEL	(A) 98.1MHz 1kHz,±40kHz dev 20dBμ(Ant input)	—	FM SEEK:ON 98.1MHz	VR8 (X14)	STOP	
5	VCO	(A) 98.1MHz 1kHz,±40kHz dev 60dBμ(Ant input)	Connect a frequency counter to TP2 and GND (upper)	FM 98.1MHz Connect a R(180KΩ) between TP2(lower) and GND.	VR6 (X14)	19,000Hz	(c)
SDK SECTION							
6	DK LEVEL	(E) 98.1MHz 0 mod SK 5.33% DK 30% BK 60% 60dBμ(Ant input)	Connect the AC voltmeter to TP4 (X14)	FM 98.1MHz	L4 VR5 (X14)	Maximum	(d)
AM SECTION							
(1)	STOP LEVEL	(D) 990kHz 400Hz,30% mod 35dBμ(Ant input)	—	AM 990kHz	VR4 (X14)	STOP	
CASSETTE DECK SECTION							
[1]	AZIMUTH	MTT-114 10kHz	(B)	TAPE PLAY	Head Azimuth Screw	Adjust the azimuth for each L CH/R CH or FWD/RVS becomes maximum.	(e)

KRC-252D/L(E)

## ADJUST MENT

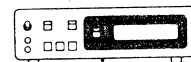


## PACKING



# PC BOARD (Component Side View)

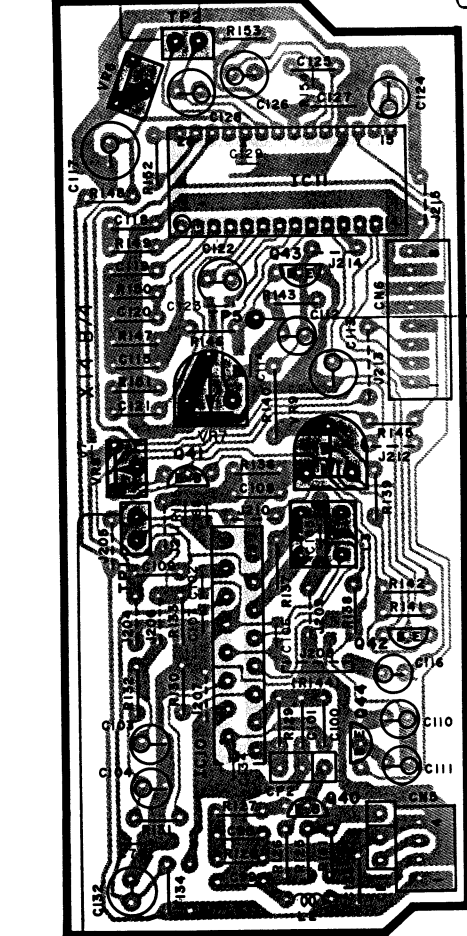
(c) VCO: 19,000 Hz  
Frequency counter



(d) DK LEVEL:  
MAXIMUM



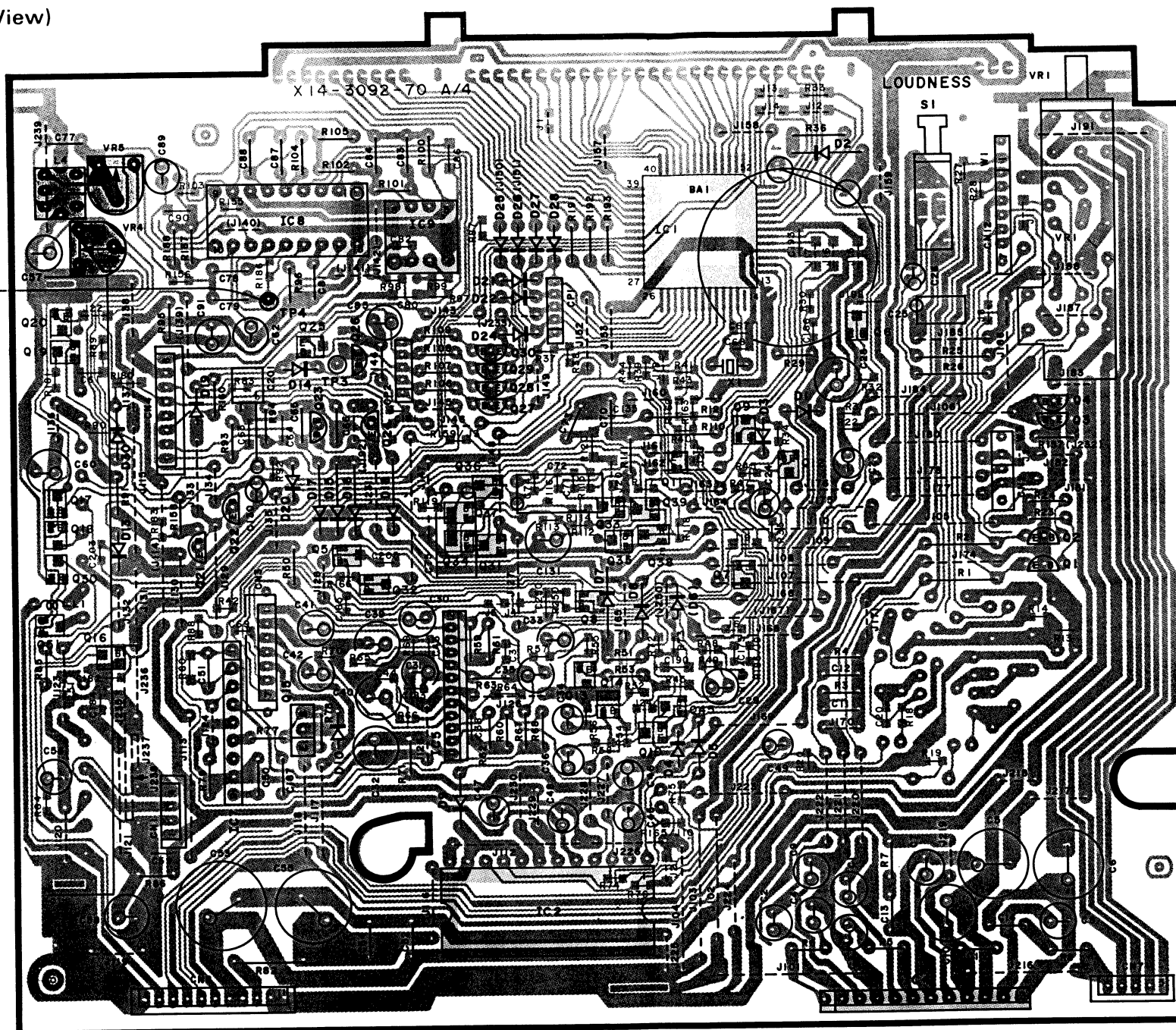
AC Voltmeter



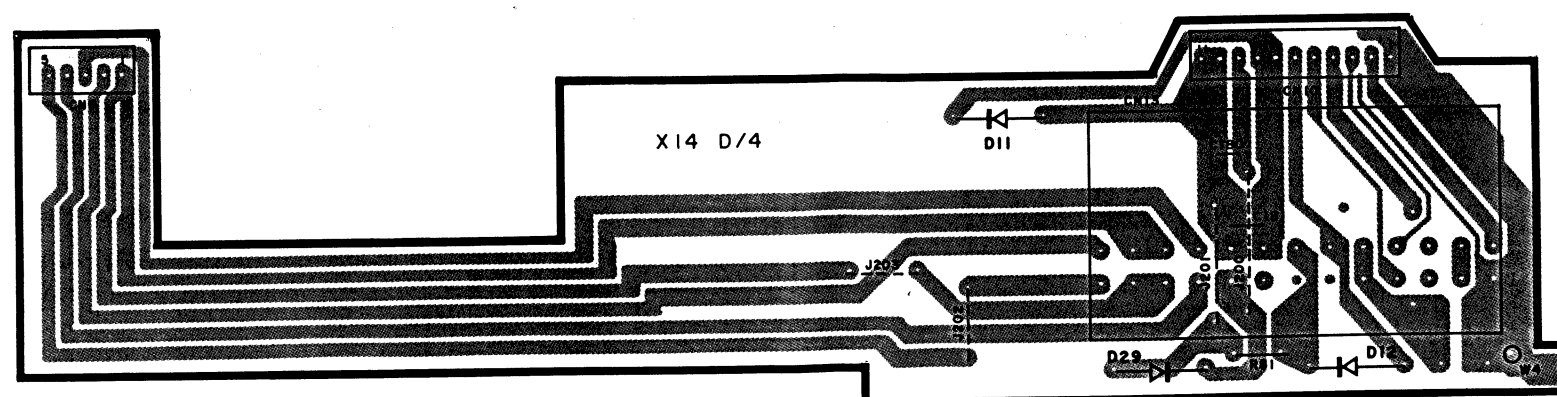
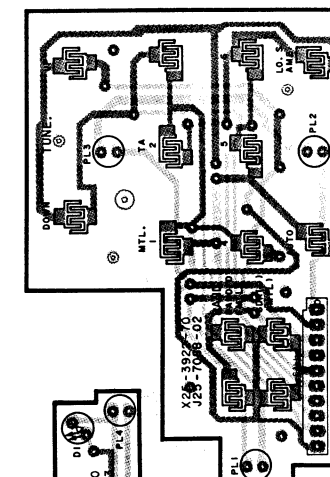
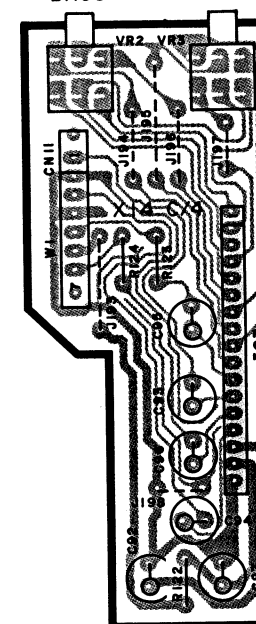
DC Voltmeter



(d) DISCRIMINATOR: 0 V



BASS TREBLE



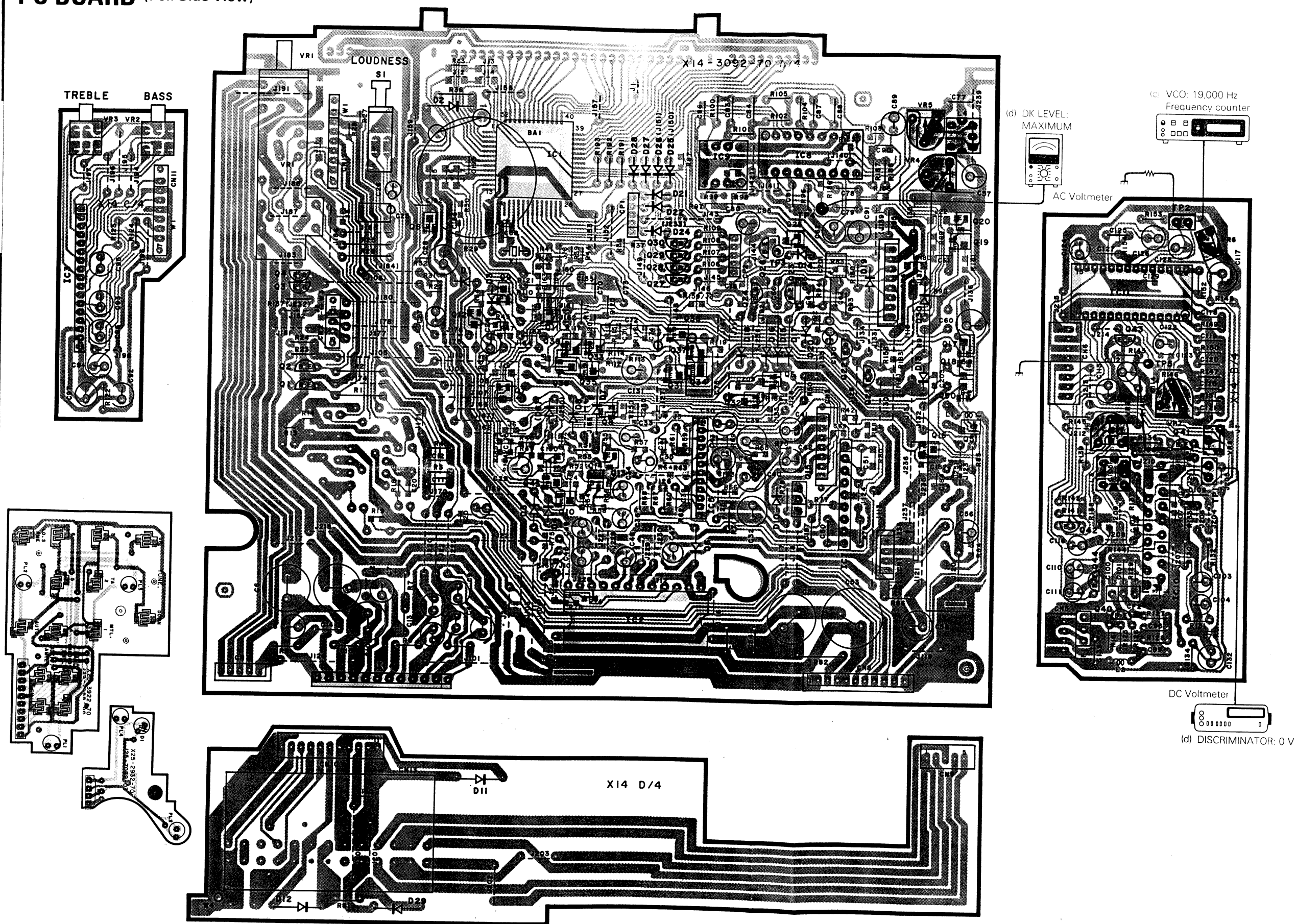
X14-3092-XX

Ref. No.	IC	Q	Address
1			4G
2			3G
3			3G
4			3G
5			3D
6			2G
7			4F
8			4E
9			3F
10			4F
11			3F
12			3F
13			4E
14			4E
15			4D
16			4C
17			3C
18			3C
19			3C
20			2C
21			3D
22			3D
23			3D
24			3D
25			3D
26			3D
27			3E
28			3E
29			3E
30			3E
31			3E
32			4D
33			3E
34			3E
35			3E
36			3E
37			3E
38			3F
39			3F
40			5B
41			4B
42			4B
43			3B
44			5B
45			4F
50			4C
51			4C
1			2F
2			5E
3			3I
4			5G
5			4E
7			4D
8			2D
9			2E
10			5B
11			3B

Refer to the schematic diagram for the values of resistors and capacitors.



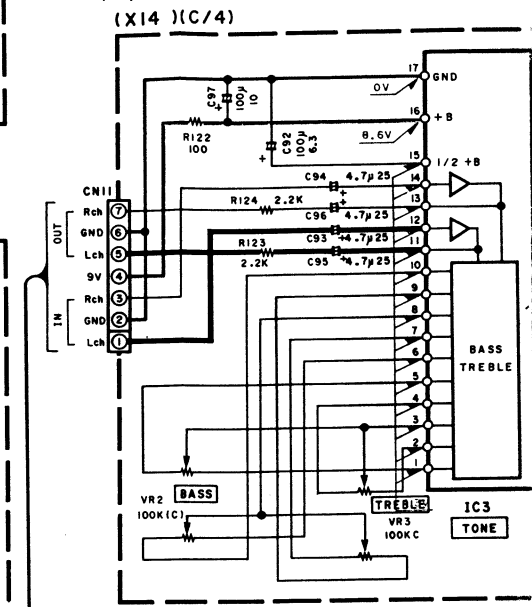
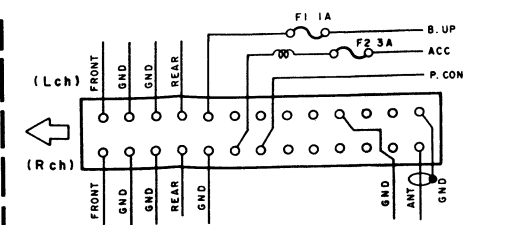
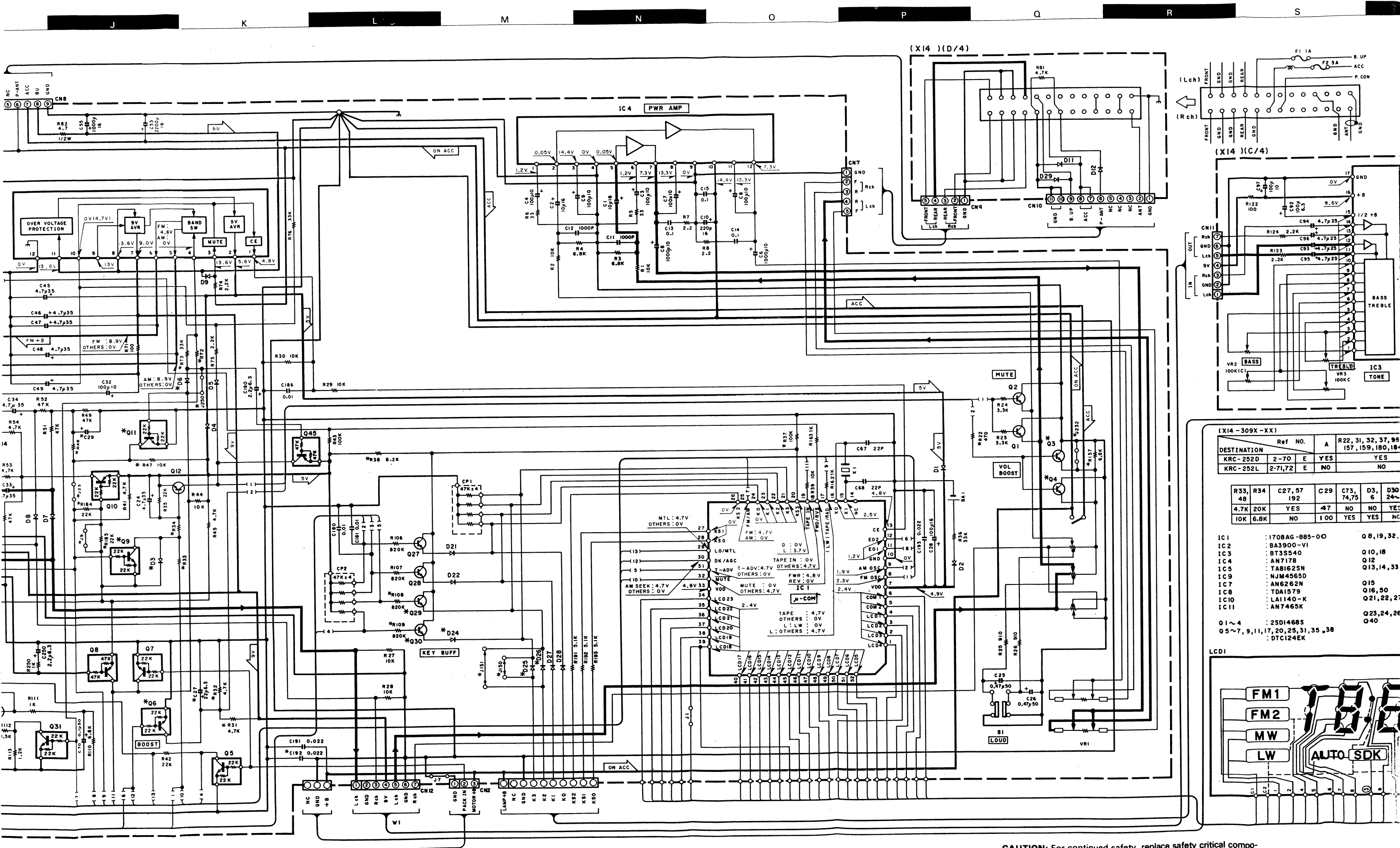
# PC BOARD (Foil Side View)



## X14-3092-XX

Ref. No.	IC	Q	Address
1		1	3M
2		2	3M
3		3	3M
4		4	3M
5		5	3P
6		6	2N
7		7	3N
8		8	4O
9		9	3N
10		10	4O
11		11	3O
12		12	3N
13		13	4O
14		14	4O
15		15	4P
16		16	4Q
17		17	3R
18		18	3R
19		19	2R
20		20	2R
21		21	3Q
22		22	3Q
23		23	2P
24		24	2P
25		25	2P
26		26	2P
27		27	3P
28		28	3P
29		29	3P
30		30	2P
31		31	3P
32		32	3P
33		33	3O
34		34	3P
35		35	3O
36		36	3P
37		37	3P
38		38	3O
39		39	3O
40		40	4R
41		41	4S
42		42	4R
43		43	3R
44		44	4R
45		45	4O
50		50	3R
51		51	4R
1		1	2O
2		2	5O
3		3	3L
4		4	5N
5		5	4P
7		7	4Q
8		8	2P
9		9	2P
10		10	4S
11		11	3R

Refer to the schematic diagram for the values of resistors and capacitors.

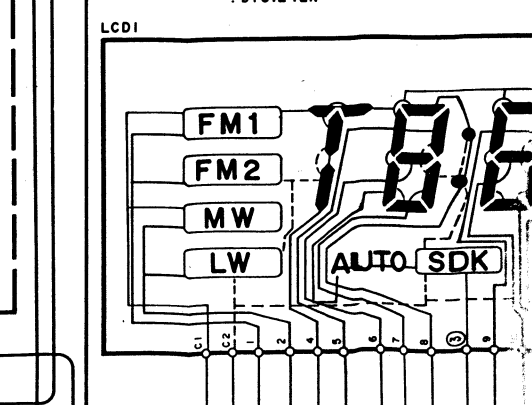


DESTINATION	Ref. NO.	A	R22, 31, 32, 37, 95
KRC-252D	2-70	YES	YES
KRC-252L	2-71, 72	NO	NO

R33, R34	C27, 57	C29	C73, D3	D30
4.7K 20K	192	47	NO	NO
10K 6.8K	NO	100	YES	YES

IC1	1708AG-885-00	Q8, 19, 32
IC2	BA3900-VI	Q10, 18
IC3	BT35540	Q12
IC4	AN7178	Q13, 14, 33
IC5	TAB162SN	Q15
IC6	NJM4565D	Q16, 50
IC7	AN6262N	Q21, 22, 27
IC8	TDA1579	Q23, 24, 26
IC9	LA1140-K	Q40
IC10	AN7465K	
IC11		

Q1~4 : 2SD1468S  
Q5~7, 9, 11, 17, 20, 25, 31, 35, 38 : DTC124EK



DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

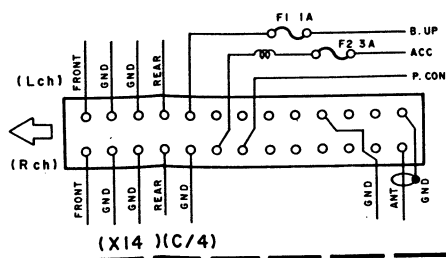
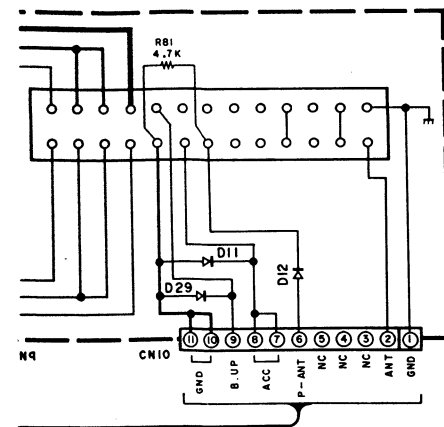
Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

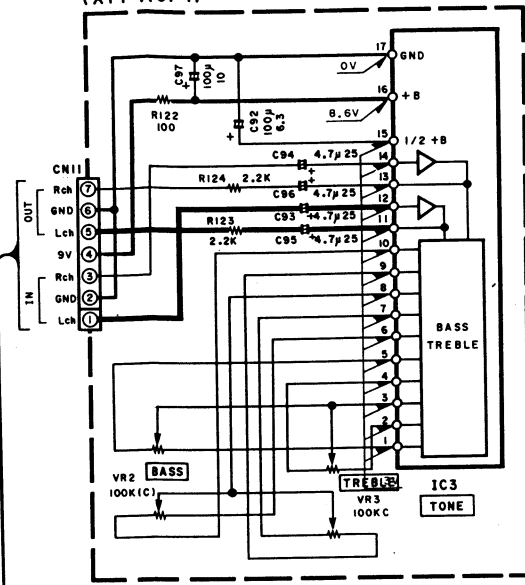
**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). **⚠** Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.



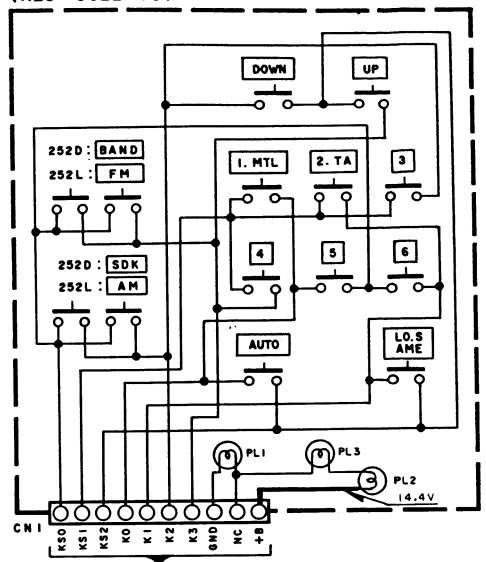




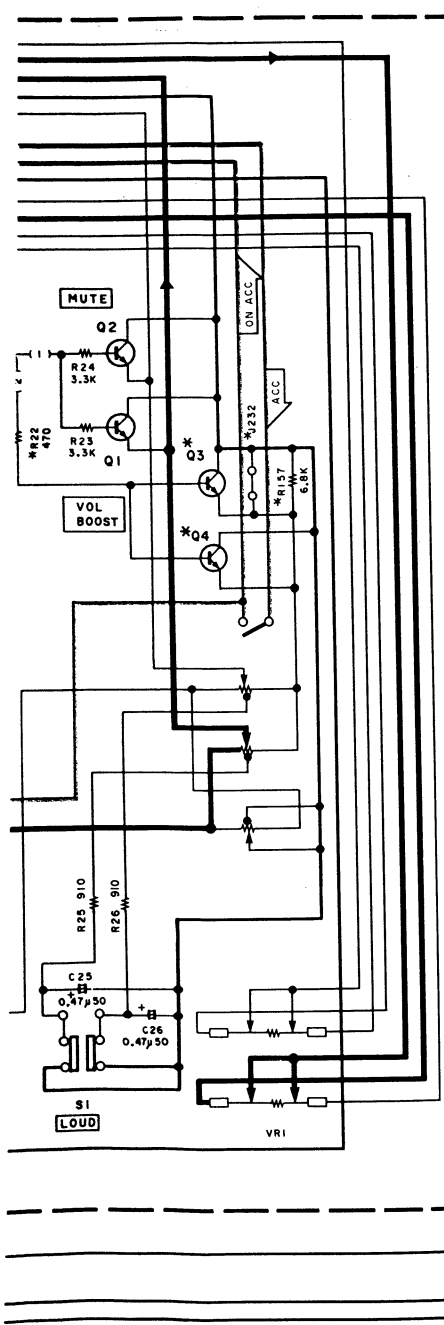
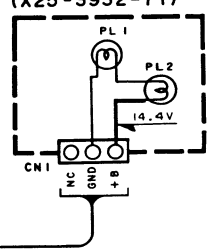
(X14) (C/4)



(X25-3922-70)



(X25-3932-71)



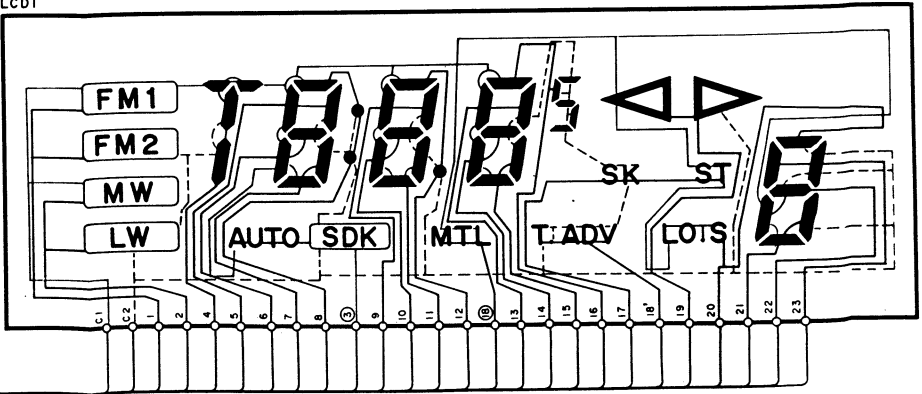
(X14-309X-XX)

DESTINATION	Ref. NO.	A	R22, 31, 32, 37, 95, 108, 109, 157, 159, 180, 184, 185	R38, 47, 73, 118~121	R72	Q3, 4, 6, 9, 23~25, 29, 30	Q11, 17, 18, 20, 35~39
KRC-252D	2-70	E	YES	YES	NO	10K	YES
KRC-252L	2-71, 72	E	NO	NO	YES	47K	NO

R33, 48	R34	C27, 57, 192	C29	C73, 74, 75	D3, 6	D30, 24~26	J3, 9, 150, 151, 232	J23, 250	TU1	C59	C60
4.7K	20K	YES	47	NO	NO	YES	NO	YES	79-05	0.022	CE04CW1A470M
10K	6.8K	NO	100	YES	YES	NO	YES	NO	80-05	0.047	CE04NW1A470M

IC1 : 1708AG-885-00	Q8, 19, 32, 45, 51	D1, 3, 4, 6, 13, 14, 19, 20~22, 24~28, 155176
IC2 : BA3900-VI	Q10, 18	D2 : SD184-1
IC3 : BT35540	Q12	D5, 7~9, 15~18, 30
IC4 : AN7178	Q13, 14, 33, 34, 36, 37, 39	D10 : ERA15-01Y1
IC5 : TA8162SN	Q15	D11, 12, 29
IC9 : NJM45650	Q16, 50	
IC7 : AN6262N	Q21, 22, 27~30, 41~43	
IC8 : TDA1579	Q23, 24, 26, 44	
IC10 : LA1140-K	Q40	
IC11 : AN7465K		

LCD1



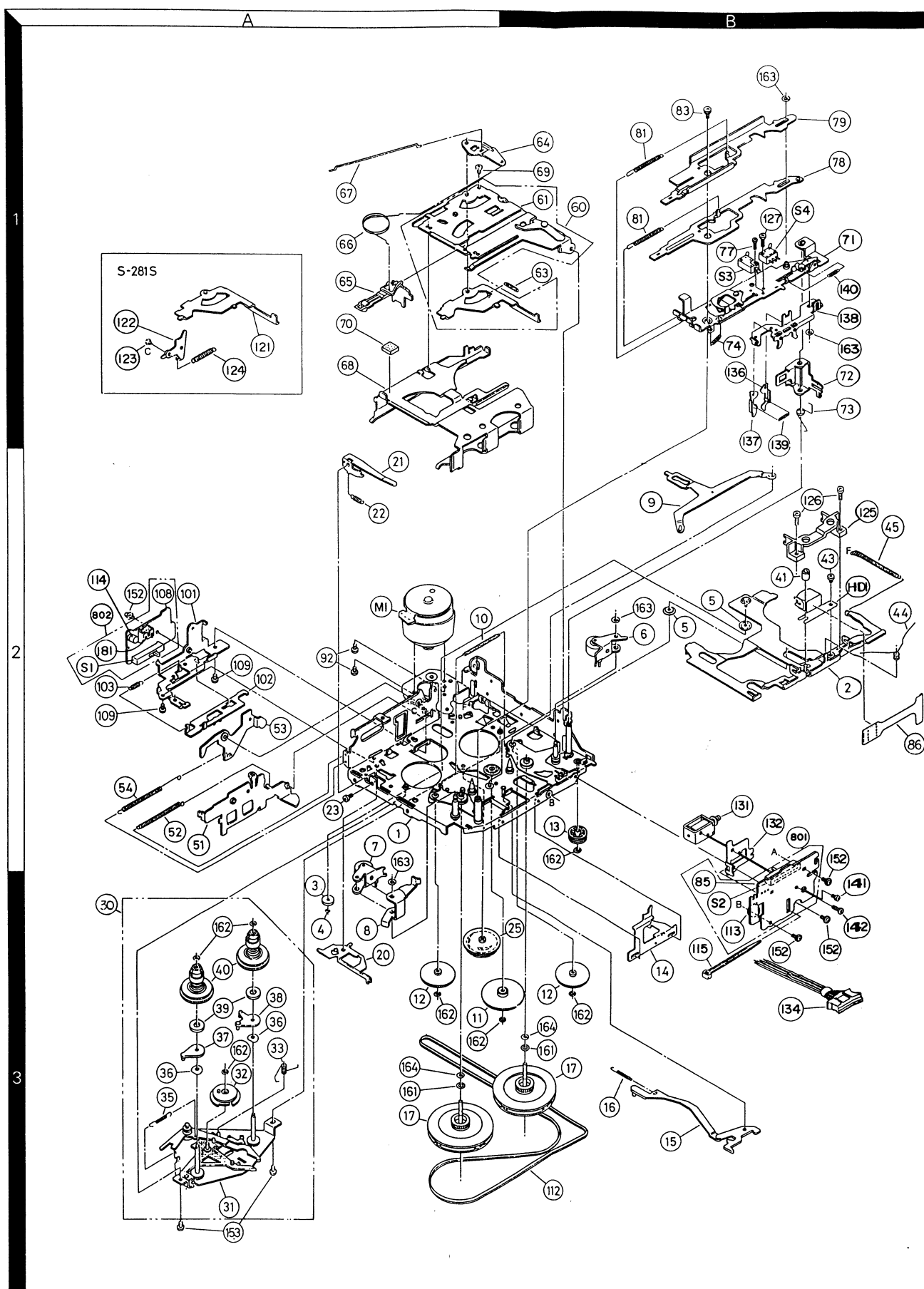
KRC-252D/L (E)

**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). **⚠** Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

Y36-1332-73

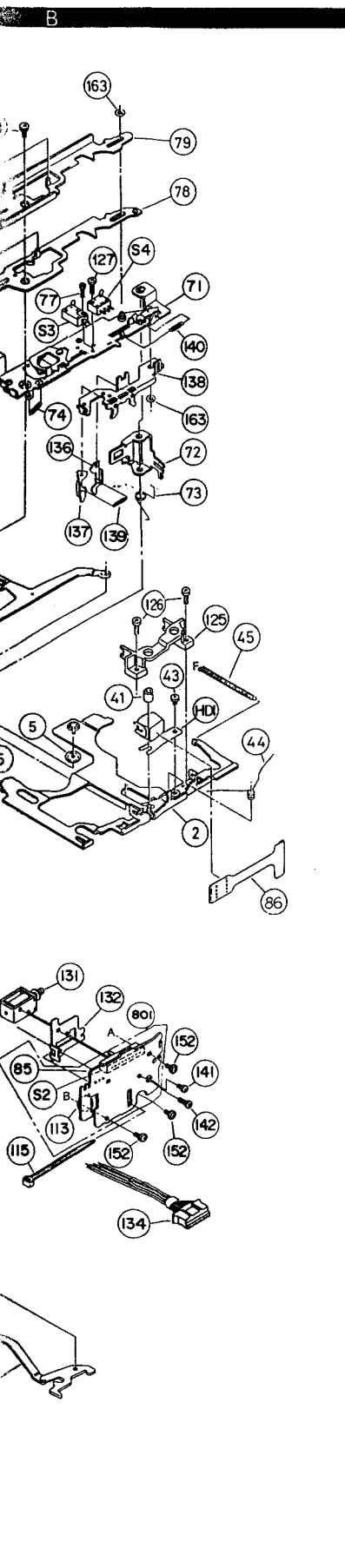
**KRC-252D/L**  
**KENWOOD**

## EXPLODED VIEW (MECHANISM)

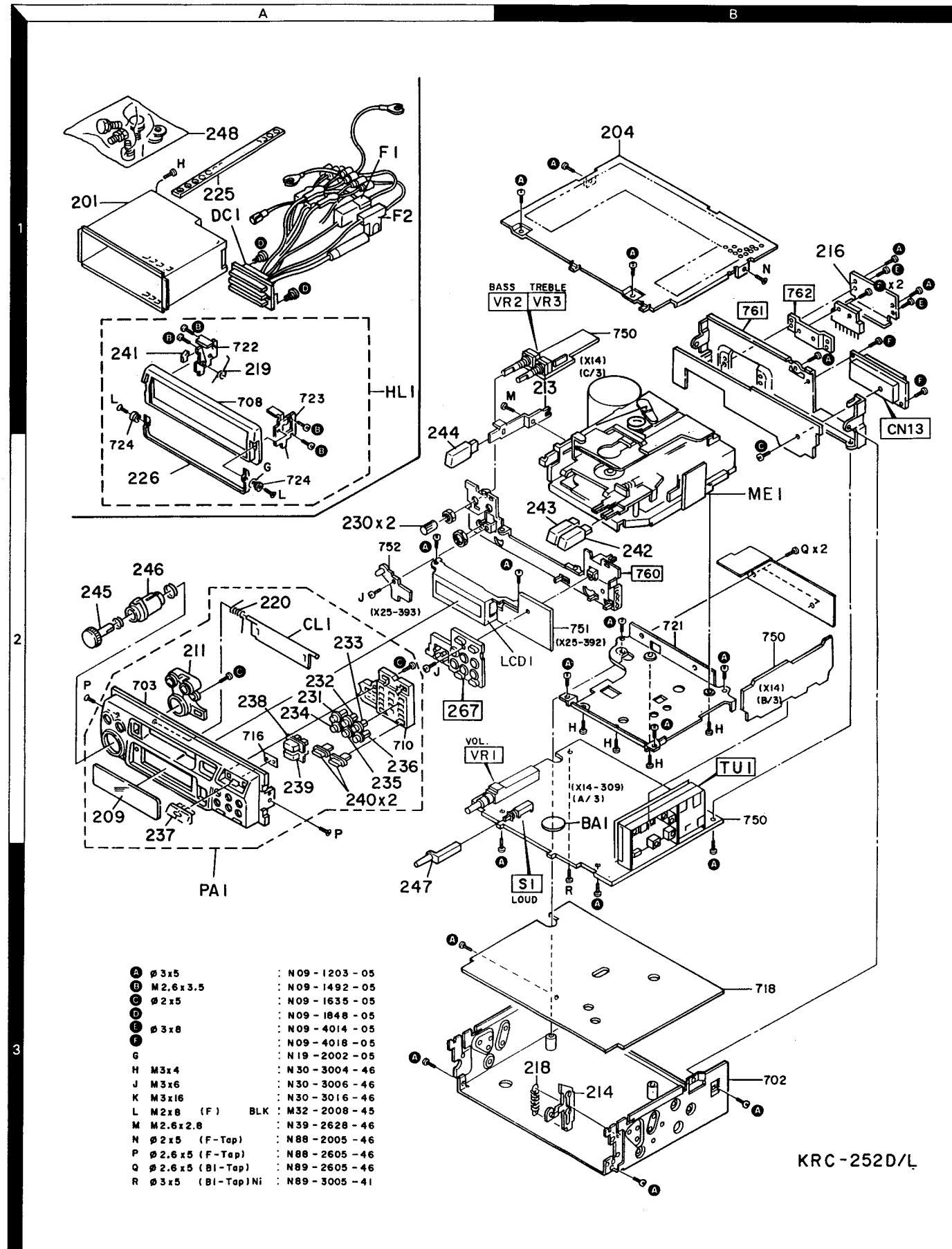


## EXPLODED VIEW (UNIT)

SM)



larger than 700 are not supplied.



30

Parts with the exploded numbers larger than 700 are not supplied.

## PARTS LIST

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

Ref. No.	Address	New Parts	Parts No.	
参照番号	位置	新	部品番号	部
KRC-252D/L				
201	1C	*	A01-2530-01	METALLIC C
204	1D	*	A52-0630-02	TOP COVER
CL1	2C	*	A53-1523-03	CASSETTE L
PA1	3C	*	A20-7605-22	PANEL ASSY
PA1	3C	*	A20-7606-22	PANEL ASSY
209	2C	*	B10-1376-03	FRONT GLASS
209	2C	*	B10-1377-03	FRONT GLASS
211	2C	*	B19-0820-12	LIGHTING B
-			B46-0100-20	WARRANTY C/
-			B46-0182-04	ID CARD
-		*	B64-0048-00	INSTRUCTION
HL1	1C		B07-2014-32	ESCUTCHEON
LCD1	2C, 2D		B38-0517-05	LIQUID CRY
213	1D		D10-2522-14	LEVER
214	3D	*	D10-2680-04	LEVER
ME1	2D	*	D40-1015-05	CASSETTE ME
DC1	1C	*	E30-3924-05	CONNECTOR /
216	1D		F07-1007-05	COVER
F1 , 2	1C		F06-3026-05	FUSE (3A)
218	3D		G01-2040-04	EXTENSION S
219	1C		G01-2370-04	TORSION COI
220	2C		G01-2371-04	TORSION COI
-		*	H01-9205-04	ITEM CARTON
-		*	H01-9206-04	ITEM CARTON
-		*	H03-3241-04	OUTER CARTO
-		*	H03-3242-04	OUTER CARTO
-		*	H10-4334-13	POLYSTYRENE
-			H25-0329-04	PROTECTION
-			H25-0336-04	PROTECTION
225	1C		J54-0071-04	STAY
226	2C		K01-0601-03	HANDLE
230	2C		K23-1003-04	KNOB (BASS)
231	2C	*	K24-0563-14	KNOB (1)
232	2C	*	K24-0564-14	KNOB (2)
233	2C	*	K24-0565-14	KNOB (3)
234	2C	*	K24-0566-14	KNOB (4)
235	2C	*	K24-0567-14	KNOB (5)
236	2C	*	K24-0568-14	KNOB (6)
237	2C	*	K24-0574-13	KNOB (TUNE)
238	2C	*	K24-0743-03	KNOB (BAND)
238	2C	*	K24-0745-03	KNOB (FM)
239	2C	*	K24-0744-03	KNOB (SDK)
239	2C	*	K24-0746-03	KNOB (AM)
240	2C	*	K24-0811-04	KNOB (AUTO)
241	1C	*	K27-3510-04	KNOB (LEVER)
242	2D	*	K27-3518-04	KNOB (FF)
243	2D	*	K27-3519-04	KNOB (REW)
244	2C	*	K27-3520-04	KNOB (EJEC)
245	2C	*	K29-5551-13	KNOB (VOL)
246	2C	*	K29-5552-03	KNOB (FADE)

E: Scandinavia &amp; Europe K: USA P: Canada

U: PX(Far East, Hawaii) T: England M: Other Areas

UE: AAFES(Europe) X: Australia

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## KRC-252D/L

## PARTS LIST

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

※ 新規部品

(注) 部品番号がないものは修理用部品として扱いません。

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
KRC-252D/L						
201	1C	*	A01-2530-01	METALLIC CABINET	D L	
204	1D	*	A52-0630-02	TOP COVER		
CL1	2C	*	A53-1523-03	CASSETTE LID		
PA1	3C	*	A20-7605-22	PANEL ASSY		
PA1	3C	*	A20-7606-22	PANEL ASSY		
209	2C	*	B10-1376-03	FRONT GLASS	D L	
209	2C	*	B10-1377-03	FRONT GLASS		
211	2C	*	B19-0820-12	LIGHTING BOARD	D	
-			B46-0100-20	WARRANTY CARD		
-			B46-0182-04	ID CARD		
-		*	B64-0048-00	INSTRUCTION MANUAL		
HL1	1C		B07-2014-32	ESCUTCHEON ASSY		
LCD1	2C, 2D		B38-0517-05	LIQUID CRYSTAL		
213	1D		D10-2522-14	LEVER		
214	3D	*	D10-2680-04	LEVER		
ME1	2D	*	D40-1015-05	CASSETTE MECHANISM ASSY		
DC1	1C	*	E30-3924-05	CONNECTOR ASSY		
216	1D		F07-1007-05	COVER		
F1 , 2	1C		F06-3026-05	FUSE (3A)		
218	3D		G01-2040-04	EXTENSION SPRING		
219	1C		G01-2370-04	TORSION COIL SPRING		
220	2C		G01-2371-04	TORSION COIL SPRING		
-		*	H01-9205-04	ITEM CARTON CASE	D L D L	
-		*	H01-9206-04	ITEM CARTON CASE		
-		*	H03-3241-04	OUTER CARTON CASE		
-		*	H03-3242-04	OUTER CARTON CASE		
-		*	H10-4334-13	POLYSTYRENE FOAMED FIXTURE		
-			H25-0329-04	PROTECTION BAG (280X450X0.03)		
-			H25-0336-04	PROTECTION BAG (170X250X0.03)		
225	1C		J54-0071-04	STAY		
226	2C		K01-0601-03	HANDLE		
230	2C		K23-1003-04	KNØB (BASS, TREBLE)		
231	2C	*	K24-0563-14	KNØB (1)		
232	2C	*	K24-0564-14	KNØB (2)		
233	2C	*	K24-0565-14	KNØB (3)		
234	2C	*	K24-0566-14	KNØB (4)		
235	2C	*	K24-0567-14	KNØB (5)		
236	2C	*	K24-0568-14	KNØB (6)		
237	2C	*	K24-0574-13	KNØB (TUNE)	D	
238	2C	*	K24-0743-03	KNØB (BAND)		
238	2C	*	K24-0745-03	KNØB (FM)	L D L	
239	2C	*	K24-0744-03	KNØB (SDK)		
239	2C	*	K24-0746-03	KNØB (AM)		
240	2C	*	K24-0811-04	KNØB (AUTO, L.O.S., AME)		
241	1C		K27-3510-04	KNØB (LEVER)		
242	2D	*	K27-3518-04	KNØB (FF)		
243	2D	*	K27-3519-04	KNØB (REW)		
244	2C	*	K27-3520-04	KNØB (EJECT)		
245	2C	*	K29-5551-13	KNØB (VOL)		
246	2C	*	K29-5552-03	KNØB (FADER)		

E: Scandinavia &amp; Europe K: USA P: Canada

U: PX(Far East, Hawaii) T: England M: Other Areas

UE: AAFES(Europe) X: Australia

D: KRC-252D  
L: KRC-252L

## KRC-252D/L

## PARTS LIST

※ New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

X14-3092-XX

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
247	3C	*	K29-5553-04	KNØB (LOUD)		
248	1C	*	N99-0278-05	SCREW SET		
A	1D, 2D		N09-1203-05	TAPTITE SCREW (3X5, +A)		
B	1C, 2C		N09-1492-05	MACHINE SCREW (2.6X3.5, +A)		
C	2C		N09-1635-05	TAPTITE SCREW (+A) 2X5		
D	1C		N09-1848-05	STEPPED SCREW		
E	1D		N09-4014-05	TAPTITE SCREW (3X8, +A)		
F	1D		N09-4018-05	TAPPING SCREW (3X6, +A)		
G	2C		N19-2002-05	CORRUGATED WASHER		
H	1C, 2D		N30-3004-46	PAN HEAD MACHINE SCREW		
J	2C		N30-3006-46	PAN HEAD MACHINE SCREW		
L	1C, 2C		N32-2008-45	FLAT HEAD MACHINE SCREW		
M	1D		N39-2628-46	PAN HEAD MACHINE SCREW		
N	1D		N88-2005-46	FLAT HEAD TAPTITE SCREW		
P	2C		N88-2605-46	FLAT HEAD TAPTITE SCREW		
BA1	2D	*	W09-0726-05	BATTERY		
SYNTHESIZER UNIT (X14-3092-70: D, 2-71: L)						
C1 , 2			CE04EW1C100M	ELECTRO 10UF 16WV		
C3 , 4			CE04EW1A101M	ELECTRO 100UF 10WV		
C5 , 6			CE04EW1A102M	ELECTRO 1000UF 10WV		
C7 - 9			CE04EW1A101M	ELECTRO 100UF 10WV		
C10			CE04EW1C221M	ELECTRO 220UF 16WV		
C11 , 12			C91-0757-05	CERAMIC 1000PF K		
C13 , 14			CF92FV1H104J	MF 0.10UF J		
C15			C91-0769-05	CERAMIC 0.01UF K		
C24			CE04CW1V4R7M	ELECTRO 4.7UF 35WV		
C25 , 26			CE04CW1HR47M	ELECTRO 0.47UF 50WV		
C27			CE04CW0J220M	ELECTRO 22UF 6.3WV	D L	
C28			C90-1263-05	ELECTRO 100UF 16WV		
C29			CE04CW0G470M	ELECTRO 47UF 4.0WV		
C29			CE04CW0J101M	ELECTRO 100UF 6.3WV		
C30			CE04CW0J220M	ELECTRO 22UF 6.3WV		
C31			CE04CW0J470M	ELECTRO 47UF 6.3WV		
C32			CE04CW1A101M	ELECTRO 100UF 10WV		
C33 - 36			CE04CW1V4R7M	ELECTRO 4.7UF 35WV		
C37			CK73FB1H103K	CHIP C 0.010UF K		
C38			CK73EB1H103K	CHIP C 0.01UF K		
C39 , 40			CE04CW0J101M	ELECTRO 100UF 6.3WV		
C41 , 42			CE04CW1E100M	ELECTRO 10UF 25WV		
C43 , 44			CK73FB1H821K	CHIP C 820PF K		
C45 - 49			CE04CW1V4R7M	ELECTRO 4.7UF 35WV		
C50			CF92FV1H104J	MF 0.10UF J		
C51			C91-1242-05	CERAMIC 27PF J		
C53			CE04EW1C222M	ELECTRO 2200UF 16WV		
C55			CE04EW1C102M	ELECTRO 1000UF 16WV		
C56			CE04CW1H010M	ELECTRO 1.0UF 50WV		
C57			CE04EW1E4R7M	ELECTRO 4.7UF 25WV		
C58			CE04EW1A221M	ELECTRO 220UF 10WV	L D D L	
C59			CK73FB1E473K	CHIP C 0.047UF K		
C59			CK73FB1H223K	CHIP C 0.022UF K		
C60			CE04CW1A470M	ELECTRO 47UF 10WV		
C60			CE04NW1A470M	ELECTRO 47UF 10WV		
C61			CK73EB1H563K	CHIP C 0.056UF K		

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X14-3092-XX

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C62 C63 ,64 C65 ,66 C67 ,68 C70			CE04EW1E4R7M CK73EB1H153K C91-0755-05 CC73FCH1H220J C91-2005-05	ELECTR0 4.7UF 25WV CHIP C 0.015UF K CERAMIC 680PF K CHIP C 22PF J ELECTR0 0.1UF 50WV	D	
C71 C72 C73 C74 C75			CK73FB1H223K CE04EW1H2R2M C91-2005-05 CK73FB1H223K CE04EW1H2R2M	CHIP C 0.022UF K ELECTR0 2.2UF 50WV ELECTR0 0.1UF 50WV CHIP C 0.022UF K ELECTR0 2.2UF 50WV	L L L	
C76 C77 C78 ,79 C80 C81			CK73FB1H223K CQ93HP2A332J CF92FV1H683J CK73EB1H103K C91-2007-05	CHIP C 0.022UF K MYLAR 3300PF J MF 0.068UF J CHIP C 0.01UF K ELECTR0 0.15UF 50WV	D D D D D	
C82 C83 ,84 C85 C86 C87 ,88			CC73FCH1H560J C91-2006-05 CE04CW1E100M CK73EB1H103K C91-2006-05	CHIP C 56PF J ELECTR0 0.068UF 50WV ELECTR0 10UF 25WV CHIP C 0.01UF K ELECTR0 0.068UF 50WV	D D D D D	
C89 C90 C91 C92 C93 -96			CE04EW1C100M CK73EB1E104K CE04EW1A101M CE04EW0J101M CE04EW1E4R7M	ELECTR0 10UF 16WV CHIP C 0.10UF K ELECTR0 100UF 10WV ELECTR0 100UF 6.3WV ELECTR0 4.7UF 25WV	D D D D	
C97 C98 -101 C102 C103,104 C105			CE04EW1A101M C91-0769-05 CK73FB1H223K CE04NW1HR47M CK73FB1H223K	ELECTR0 100UF 10WV CERAMIC 0.01UF K CHIP C 0.022UF K ELECTR0 0.47UF 50WV CHIP C 0.022UF K		
C106 C107 C108 C109 C110			CK73FB1H331K CK73FB1H223K C91-0757-05 C91-0769-05 CE04NW1H010M	CHIP C 330PF K CHIP C 0.022UF K CERAMIC 1000PF K CERAMIC 0.01UF K ELECTR0 1.0UF 50WV		
C111 C112 C113 C114 C115			CE04NW1E4R7M CE04NW1H2R2M CE04EW1HR33M CK73FB1H332K C91-0664-05	ELECTR0 4.7UF 25WV ELECTR0 2.2UF 50WV ELECTR0 0.33UF 50WV CHIP C 3300PF K CERAMIC 3300UF K		
C116 C117 C118,119 C120 C121			CE04NW1E4R7M CE04EW1A221M C91-0692-05 CF92FV1H104J C91-0676-05	ELECTR0 4.7UF 25WV ELECTR0 220UF 10WV CERAMIC 0.047UF K MF 0.10UF J CERAMIC 0.01UF K		
C122 C123 C124 C125 C126			CE04EW1E4R7M CK73FB1H562K CE04NW1HR22M CF92FV1H104J CE04EW1HR22M	ELECTR0 4.7UF 25WV CHIP C 5600PF K ELECTR0 0.22UF 50WV MF 0.10UF J ELECTR0 0.22UF 50WV		
C127 C128 C129 C130 C131			CQ92P2A391J CE04EW1HR22M CK73FB1H682K CE04CW1H0R1M CE04CW1A101M	MYLAR 390PF J ELECTR0 0.22UF 50WV CHIP C 6800PF K ELECTR0 0.1UF 50WV ELECTR0 100UF 10WV		

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C132 C133 C134 C180, 181 C182, 183			CE04EW1A101M C91-0769-05 CK73FB1H103K CK73FB1H103K CK73FB1H103K	ELECTRO 100UF 10WV CERAMIC 0.01UF K CHIP C 0.010UF K CHIP C 0.010UF K CHIP C 0.010UF K	L	
C184 C186 C187 C188 C190			CK73FB1E473K CK73FB1H103K C91-0769-05 CK73FB1H331K C92-0005-05	CHIP C 0.047UF K CHIP C 0.010UF K CERAMIC 0.01UF K CHIP C 330PF K CHIP TAN 2.2UF 6.3WV		
C191 C192 C193 C201 C205			CK73EB1H223K CK73EB1H223K CK73EB1H223K CE04CW1A220M CK73FB1H103K	CHIP C 0.022UF K CHIP C 0.022UF K CHIP C 0.022UF K ELECTRO 22UF 10WV CHIP C 0.010UF K	D D D	
C250			C92-0005-05	CHIP TAN 2.2UF 6.3WV		
CN13	1D		E08-2601-05	RECTANGULAR RECEPTACLE		
CF1 ,2 L1 ,2 L3 L4 X1			L72-0701-05 L40-4791-17 L30-0462-15 L39-0156-05 L77-1163-05	CERAMIC FILTER SMALL FIXED INDUCTOR(4.7UH,K) FM IFT TRAP COIL CRYSTAL RESONATOR	D	
A C F R	1D, 3D 1D, 2D 1D 3D		N09-1203-05 N09-1635-05 N09-4018-05 N89-3005-41	TAPTITE SCREW (3X5,+7^") TAPTITE SCREW (+7^" 2X5) TAPPING SCREW (3X6,+7^") BINDING HEAD TAPTITE SCREW		
CP1 ,2 J1 ,2 J3 J4 J6 ,7			R90-0487-05 R92-2052-05 R92-2052-05 R92-2052-05 R92-2052-05	MULTI-COMP 47KX4 J 1/6W JUMPER WIRE (RESISTOR TYPE) JUMPER WIRE (RESISTOR TYPE) JUMPER WIRE (RESISTOR TYPE) JUMPER WIRE (RESISTOR TYPE)	L	
J9 J10 J12 -19 J13 J15 -20			R92-2052-05 R92-2052-05 R92-2053-05 R92-2053-05 R92-2053-05	JUMPER WIRE (RESISTOR TYPE) JUMPER WIRE (RESISTOR TYPE) JUMPER WIRE (RESISTOR TYPE) JUMPER WIRE (RESISTOR TYPE) JUMPER WIRE (RESISTOR TYPE)	L D L L	
J21 J22 J23 J24 J251			R92-2053-05 R92-2053-05 R92-2052-05 R92-2052-05 R92-2052-05	JUMPER WIRE (RESISTOR TYPE) JUMPER WIRE (RESISTOR TYPE) JUMPER WIRE (RESISTOR TYPE) JUMPER WIRE (RESISTOR TYPE) JUMPER WIRE (RESISTOR TYPE)	L D	
R22 R27 ,28 R30 R31 ,32 R33			RK73FB2A471J RK73FB2A103J RK73FB2A103J RK73FB2A472J RK73EB2B103J	CHIP R 470 J 1/10W CHIP R 10K J 1/10W CHIP R 10K J 1/10W CHIP R 4.7K J 1/10W CHIP R 10K J 1/8W	D D D L	
R33 R34 R34 R35 R37			RK73EB2B472J RK73FB2A203J RK73FB2A682J RK73FB2A223J RK73FB2A104J	CHIP R 4.7K J 1/8W CHIP R 20K J 1/10W CHIP R 6.8K J 1/10W CHIP R 22K J 1/10W CHIP R 100K J 1/10W	D D L D	
R38 R39			RK73FB2A822J RK73FB2A103J	CHIP R 8.2K J 1/10W CHIP R 10K J 1/10W	L	

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R41			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R42			RK73FB2A223J	CHIP R 22K J 1/10W		
R43			RK73FB2A104J	CHIP R 100K J 1/10W		
R44			RK73FB2A103J	CHIP R 10K J 1/10W		
R45			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R46			RK73EB2B473J	CHIP R 47K J 1/8W		
R47 ,48			RK73FB2A103J	CHIP R 10K J 1/10W	L	
R48			RK73FB2A472J	CHIP R 4.7K J 1/10W	D	
R49			RK73FB2A473J	CHIP R 47K J 1/10W		
R52			RK73FB2A473J	CHIP R 47K J 1/10W		
R54			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R55 ,56			RK73FB2A103J	CHIP R 10K J 1/10W		
R57 ,58			RK73FB2A272J	CHIP R 2.7K J 1/10W		
R64			RK73EB2B334J	CHIP R 330K J 1/8W		
R65 ,66			RK73FB2A201J	CHIP R 200 J 1/10W		
R69 ,70			RK73FB2A393J	CHIP R 39K J 1/10W		
R72			RK73FB2A103J	CHIP R 10K J 1/10W	D	
R72			RK73FB2A473J	CHIP R 47K J 1/10W	L	
R73			RK73FB2A333J	CHIP R 33K J 1/10W	L	
R74 ,75			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R76			RK73FB2A333J	CHIP R 33K J 1/10W		
R80			RK73EB2B274J	CHIP R 270K J 1/8W		
R82			RD14DB2H4R7J	SMALL-RD 4.7 J 1/2W		
R83			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R84			RK73FB2A101J	CHIP R 100 J 1/10W		
R87			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R88			RK73FB2A103J	CHIP R 10K J 1/10W		
R89			RK73FB2A203J	CHIP R 20K J 1/10W		
R90			RK73EB2B333J	CHIP R 33K J 1/8W		
R92			RK73FB2A223J	CHIP R 22K J 1/10W		
R97 ,98			RK73FB2A104J	CHIP R 100K J 1/10W	D	
R99			RK73FB2A101J	CHIP R 100 J 1/10W	D	
R103			RK73FB2A333J	CHIP R 33K J 1/10W	D	
R112			RK73FB2A152J	CHIP R 1.5K J 1/10W		
R113			RK73FB2A122J	CHIP R 1.2K J 1/10W		
R114			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R115			RK73FB2A182J	CHIP R 1.8K J 1/10W		
R116			RK73FB2A103J	CHIP R 10K J 1/10W		
R117			RK73FB2A101J	CHIP R 100 J 1/10W		
R118			RK73FB2A104J	CHIP R 100K J 1/10W	L	
R119			RK73FB2A103J	CHIP R 10K J 1/10W	L	
R120			RK73EB2B123J	CHIP R 12K J 1/8W	L	
R135			RK73FB2A563J	CHIP R 56K J 1/10W		
R154			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R155			RK73FB2A182J	CHIP R 1.8K J 1/10W	D	
R156			RK73FB2A431J	CHIP R 430 J 1/10W	D	
R159			RK73FB2A223J	CHIP R 22K J 1/10W	D	
R162 ,163			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R166			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R180			RK73EB2B223J	CHIP R 22K J 1/8W	D	
R181			RK73FB2A823J	CHIP R 82K J 1/10W		
R183			RK73FB2A563J	CHIP R 56K J 1/10W		
R184 ,185			RK73FB2A223J	CHIP R 22K J 1/10W	D	
R186			RK73FB2A684J	CHIP R 680K J 1/10W	D	
R250			RK73FB2A102J	CHIP R 1.0K J 1/10W		

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VR1 VR2 ,3 VR4 VR5 VR6	2C,2D 1D	*	R24-3641-05 R10-3634-05 R12-3096-05 R12-0092-05 R12-1073-05	POTENTIOMETER(40X2,20KX3) POTENTIOMETER(100KX2) TRIMMING POT.(10K 7t) TRIMMING POT.(220 7t) TRIM POT. 4.7K	D	
VR7 VR8 VR9			R12-1067-05 R12-3100-05 R12-3097-05	TRIM POT. 2.2K TRIM POT. 10K (P /B) TRIMMING POT.(22K 7t)		
S1	3D		S40-2162-05	PUSH SWITCH		
D1 D2 D3 D4 D5			1SS176 S0184-1 1SS176 1SS176 1S1555	DIODE DIODE DIODE DIODE DIODE	L	
D6 D7 -9 D10 D11 ,12 D13 ,14			1SS176 1S1555 ERA15-01Y1 S5566B 1SS176	DIODE DIODE DIODE DIODE DIODE	L	
D15 -18 D19 -22 D24 -26 D27 ,28 D29			1S1555 1SS176 1SS176 1SS176 S5566B	DIODE DIODE DIODE DIODE DIODE	D	
D30 IC1 IC2 IC3 IC4			1S1555 1708AG-885-00 BA3900-V1 BT3S540 AN7178	DIODE IC IC(POWER SUPPLY) CUSTOM IC IC(5.7W X 2CH POWER IC)	D	
IC5 IC7 IC8 IC9 IC10			TA8162SN AN6262N TDA1579 NJM4565D LA1140-K	IC IC(T.ADV) IC(DECODER) IC(OP AMP X2) IC	D D	
IC11 Q1 ,2 Q3 Q4 Q5			AN7465K 2SD1468S 2SD1468S 2SD1468S DTC124EK	IC TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR	D D	
Q6 Q7 Q8 Q9 Q10			DTC124EK DTC124EK DTA144EK DTC124EK DTA124EK	DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR	D	
Q11 Q12 Q13 ,14 Q15 Q16			DTC124EK 2SA1037K 2SC2412K(S) 2SB1307M DTC144EK	DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR	L	
Q17 Q18 Q19 Q20 Q21 ,22			DTC124EK DTA124EK DTA144EK DTC124EK 2SC1740S	DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR	L L L L	

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X25-3922-70

D40-1015-05

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Q23 , 24			DTC124ES	DIGITAL TRANSISTOR	D	
Q25			DTC124EK	DIGITAL TRANSISTOR	D	
Q26			DTC124ES	DIGITAL TRANSISTOR		
Q27			2SC1740S	TRANSISTOR		
Q28			2SC1740S	TRANSISTOR		
Q29			2SC1740S	TRANSISTOR	D	
Q30			2SC1740S	TRANSISTOR	D	
Q31			DTC124EK	DIGITAL TRANSISTOR		
Q32			DTA144EK	DIGITAL TRANSISTOR		
Q33 , 34			2SC2412K(S)	TRANSISTOR		
Q35			DTC124EK	DIGITAL TRANSISTOR	L	
Q36 , 37			2SC2412K(S)	TRANSISTOR	L	
Q38			DTC124EK	DIGITAL TRANSISTOR	L	
Q39			2SC2412K(S)	TRANSISTOR	L	
Q40			2SC2058S	TRANSISTOR		
Q41			2SC1740S	TRANSISTOR		
Q42			2SC1740S	TRANSISTOR		
Q43			2SC1740S	TRANSISTOR		
Q44			DTC124ES	DIGITAL TRANSISTOR		
Q45			DTA144EK	DIGITAL TRANSISTOR		
Q50			DTC144EK	DIGITAL TRANSISTOR		
Q51			DTA144EK	DIGITAL TRANSISTOR		
TU1	2D	*	W02-1279-05	TUNER ASSY	D	
TU1	2D	*	W02-1280-05	TUNER ASSY	L	
<b>SWITCH UNIT (X25-3922-70)</b>						
PL1 -3			B30-1305-05	LAMP (5.5V .125A)		
267	2C		E29-1318-02	CONDUCTIVE RUBBER		
<b>DISPLAY UNIT (X25-3932-71)</b>						
PL1 , 2			B30-1279-05	LAMP (8V, .07A, フロハツ)		
<b>CASSETTE MECHANISM ASSY (D40-1015-05)</b>						
1	2A		A10-2089-08	CHASSIS CALKED ASSY		
2	2B		J21-7207-08	MOUNTING HARDWARE		
3	3A		D14-0616-08	ROLLER A		
4	3A		N24-3012-41	E TYPE RETAINING RING		
5	2B		D14-0617-08	ROLLER B		
6	2B		D14-0618-08	PINCH ROLLER F		
7	3A		D14-0619-08	PINCH ROLLER R		
8	3A		D10-2666-08	LEVER (FR CAM)		
9	2B		D10-2667-08	LEVER (PROGRAM)		
10	2A		G01-2560-08	TENSION SPRING		
11	3A		D13-1079-08	GEAR (IDLE)		
12	3A, 3B		D13-1081-08	GEAR (TAKE UP)		
13	2B		D15-0908-08	PULLEY		
14	3B		D10-2668-08	LEVER		
15	3B		D10-2679-08	LEVER		
16	3B		G01-2557-08	TENSION SPRING		
17	3A, 3B		D01-0603-08	FLYWHEEL		
20	3A		D10-2669-08	LEVER		
21	2A		D10-2670-08	LEVER (LOCK)		
22	2A		G01-2218-08	TENSION SPRING		
23	2A		N84-2004-45	SCREW (M2X4)		
25	3A		D13-1078-08	GEAR		

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30	3A		A11-0848-08	SUB CHASSIS ASSY		
31	3A		A11-0847-08	SUB CHASSIS ASSY		
32	3A		D13-1077-08	GEAR (SWITCHING)		
33	3A		G01-2563-08	TORSION SPRING		
35	3A		G01-2570-08	TENSION SPRING		
36	3A		G02-0473-08	FLAT SPRING		
37	3A		D10-2645-08	LEVER		
38	3A		D10-2671-08	LEVER		
39	3A		G10-1012-08	FELT		
40	3A		D03-0305-08	REEL DISK		
41	2B		N14-0701-08	NUT		
43	2B		N30-2004-46	SCREW (M2X4)		
44	2B		G01-2573-08	TORSION SPRING		
45	2B		G01-2571-08	TENSION SPRING		
51	2A		D10-2672-08	LEVER (EJECT)		
52	2A		G01-2216-08	TENSION SPRING		
53	2A		D10-2673-08	ACTION ARM		
54	2A		G01-2217-08	TENSION SPRING		
60	1A, 1B		J19-4387-08	HOLDER		
61	1A		J19-4380-08	HOLDER		
63	1A		G01-2212-08	TENSION SPRING		
64	1A		D10-2130-08	LEVER (INV)		
65	1A		J90-0610-08	CASSETTE GUIDE		
66	1A		G01-2225-08	TORSION SPRING		
67	1A		G09-0093-08	SPRING		
68	1A		J19-2990-08	HOLDER		
69	1A		N39-2004-08	SCREW (M2X4)		
70	1A		G11-1308-08	CUSHION		
71	1B	*	J21-7252-08	MOUNTING HARDWARE		
72	1B		D10-2674-08	LEVER (RELEASE)		
73	1B		G01-2574-08	TORSION SPRING		
74	1B		G01-2556-08	TENSION SPRING		
77	1B		N39-1706-45	SCREW (M1.7X6)		
78	1B		D10-2675-08	LEVER (REW)		
79	1B		D10-2676-08	LEVER (FF)		
81	1B		G01-2572-08	TENSION SPRING		
83	1B		N09-4039-08	SCREW		
85	2B		J74-0081-08	PRINTED WIRING BOARD		
86	2B		J84-0009-08	PRINTED WIRING BOARD (FPC)		
92	2A		N39-2002-46	SCREW (M2X2)		
101	2A		J21-7205-08	MOUNTING HARDWARE		
102	2A		D10-2664-08	LEVER		
103	2A		G01-2567-08	TENSION SPRING		
108	2A		J74-0082-08	PRINTED WIRING BOARD		
109	2A		N30-2003-08	SCREW (M2X3)		
112	3A, 3B		D16-0605-08	BELT		
113	3A		C91-0692-05	CERAMIC	0.047UF M	
114	2A		CE04CW1C470M	ELECTRO	47UF 16WV	
115	3B		J61-0081-05	WIRE BAND		
121	1A		D10-2658-08	ARM		
122	1A		D10-2678-08	LEVER		
123	1A		J12-0647-08	PIN		
124	1A		G01-2562-08	TORSION SPRING		
125	2B		J90-0722-08	CASSETTE GUIDE		
126	2B		N09-4009-08	SCREW (M2X5)		

E: Scandinavia &amp; Europe K: USA

P: Canada

U: PX(Far East, Hawaii)

T: England

M: Other Areas

UE: AAFES(Europe)

X: Australia

D: KRC-252D

L: KRC-252L

## PARTS LIST

\* New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

D40-1015-05

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
127	1B		N35-2006-46	SCREW (M2.6X6)		
131	2B	*	T94-0405-08	SOLENOID		
132	2B	*	J21-7251-08	MOUNTING HARDWARE		
134	3B	*	E31-8187-05	CONNECTING WIRE		
136	1B	*	D10-2685-08	LEVER		
137	1B	*	D10-2686-08	LEVER		
138	1B	*	D10-2687-08	LEVER		
139	1B	*	G01-2577-08	TENSION SP		
140	1B		G01-2578-08	TENSION SP		
141	3B		N39-2002-46	PAN HEAD MACHINE SCREW		
142	3B		N39-2003-46	PAN HEAD MACHINE SCREW		
152	2A, 2B		N90-2003-46	SCREW (M2X3)		
153	3A		N30-2603-46	SCREW (M2.6X3)		
161	3A, 3B		N19-1144-08	FLAT WASHER		
162	2B, 3A		N19-1134-08	FLAT WASHER		
163	2B		N19-1135-08	FLAT WASHER		
164	3A, 3B		N19-1137-08	FLAT WASHER		
181	2A		E40-9126-05	PIN CONNECTOR		
HD1	2B		T31-0205-08	PLAYBACK HEAD		
M1	2A		T42-0716-08	DC MOTOR ASSY		
S1	2A		S31-3633-08	SLIDE SWITCH		
S2	2B		S31-3634-08	SLIDE SWITCH		
S3	1B		S46-1606-08	LEAF SWITCH		
S4	1B		S46-1607-08	LEAF SWITCH		

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# KRC-252D/L

## SPECIFICATIONS

Specification subject to change without notice.

### FM Tuner Section

Frequency Range	87.5 ~ 108.0 MHz
Usable Sensitivity (DIN)	1.1 $\mu$ V/75 ohms
Stereo Sensitivity (S/N=46 dB)	1.6 $\mu$ V/75 ohms
Frequency Response ( $\pm 4.5$ dB)	30 ~ 15,000 Hz
Signal to Noise Ratio (IEC-A)	68 dB
Selectivity (DIN)	70 dB
Stereo Separation (1 kHz)	35 dB
19 kHz Carrier Leakage	65 dB

### MW Tuner Section

MW Frequency Range	531 ~ 1,611 kHz
MW Usable Sensitivity	30 $\mu$ V

### LW Tuner Section

LW Frequency Range	153 ~ 281 kHz
LW Usable Sensitivity	60 $\mu$ V

### Cassette Deck Section

Tape Speed	4.76 cm/s
Wow and Flutter (WRMS)	0.12% (WRMS)
Fast Winding Time (C-60)	100 sec
Frequency Response (120 $\mu$ s)	40 Hz ~ 14 kHz (+4 dB, -6 dB)
(70 $\mu$ s)	40 Hz ~ 16 kHz (+4 dB, -6 dB)
Stereo Separation (1 kHz)	40 dB
Signal to Noise Ratio (IEC-A)	
NR OFF	52 dB

### Audio Section

Maximum Output Power (1 kHz, 4 ohms)	8 W + 8 W
Rated Output Power (10% THD, 1 kHz, 4 ohms)	6 W + 6 W
(1% THD, 1 kHz, 4 ohms)	5 W + 5 W
Tone Action	Bass: 100 Hz $\pm$ 10 dB Treble: 10 kHz $\pm$ 10 dB

### General

Operating Voltage (GND)	14.4 V (11 ~ 16 V)
Current Consumption	2.7 A at Rated Power
Dimensions (W x H x D)	188 x 58 x 177 mm
Installation Size (W x H x D)	182 x 52 x 159 mm
Weight	1.8 kg

Kenwood follows a policy of continuous advancements in development.  
For this reason specifications may be changed without notice.

Kenwood poursuit une politique de progrès constants en ce qui concerne le développement.  
Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

Kenwood strebt ständige Verbesserungen in der Entwicklung an.  
Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

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